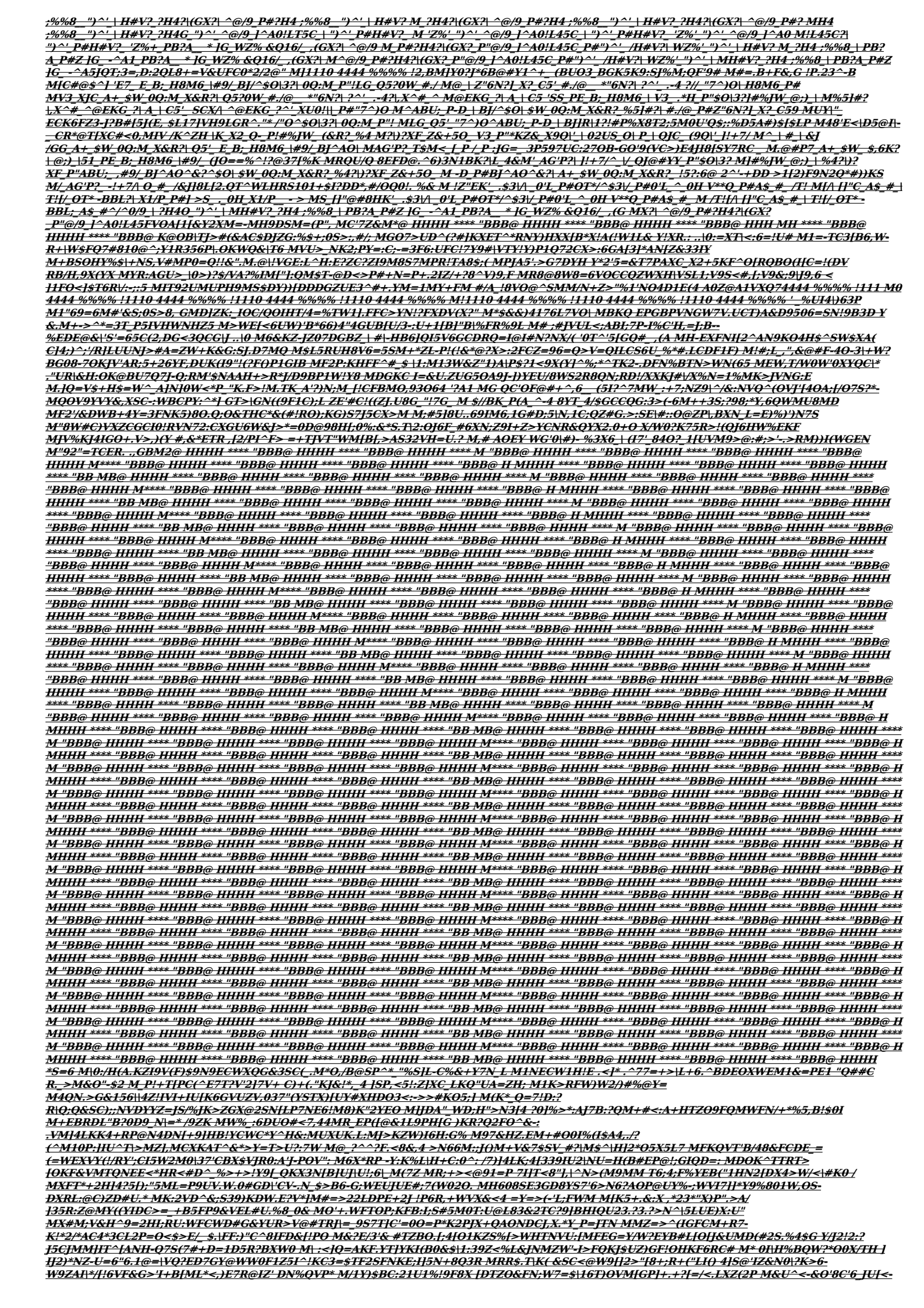

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Employer Identification No.)2200 University Ave EastWaterlooOntarioCanadaN2K 0A7(Address of Principal Executive Offices)(Zip Code)(519) 888-7465 (Registrant's telephone number, including area code)Securities registered pursuant to Section 12(b) of the Act: Title of each classTrading Symbol(s)Name of each exchange on which registeredCommon SharesBBNew York Stock ExchangeCommon SharesBBToronto Stock ExchangeIndicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports); and (2) has been subject to such filing requirements for the past 90 days.Â Â Â Â YesÂ Â xÂ Â Â Â NoÂ Â oÂ Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Â§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).YesÂ Â xÂ Â Â NoÂ Â oÂ 1Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of â€œlarge accelerated filer,â€ â€œaccelerated filerâ€, â€œsmaller reporting companyâ€ and â€œemerging growth companyâ€ in Rule 12b-2 of the Exchange Act. Large accelerated filerxAccelerated filerâ˜Non-accelerated filerÂ Â oSmaller reporting companyâ˜Emerging growth companyâ˜Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.oIndicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). YesÂ â˜Â Â Â NoÂ Â xThe registrant had 590,727,996 common shares issued and outstanding as of SeptemberÂ 24, 2024. Â 2BLACKBERRY LIMITEDTABLE OF CONTENTSPage No.PART I FINANCIAL INFORMATIONItem 1Financial StatementsConsolidated Balance Sheets as of August 31, 2024 (unaudited) and February 29, 20245Consolidated Statements of Shareholders' Equity - Three and Six Months Ended August 31, 2024 and 2023 (unaudited)7Consolidated Statements of Operations - Three and Six Months Ended August 31, 2024 and 2023 (unaudited)8Consolidated Statements of Comprehensive Loss - Three and Six Months Ended August 31, 2024 and 2023 (unaudited)9Consolidated Statements of Cash Flows - Six Months Ended August 31, 2024 and 2023 (unaudited)10Notes to the Consolidated Financial Statements11Item 2Management's Discussion and Analysis of Financial Condition and Results of Operations28Item 3Quantitative and Qualitative Disclosures about Market Risk55Item 4Controls and Procedures56PART IIOTHER INFORMATIONItem 1Legal Proceedings56Item 5Other Information56Item 6Exhibits56Signatures583Unless the context otherwise requires, all references to the â€œCompanyâ€ and â€œBlackBerryâ€ include BlackBerry Limited and its subsidiaries. PART I - FINANCIAL INFORMATIONITEM 1. FINANCIAL STATEMENTS4BlackBerry LimitedIncorporated under the Laws of Ontario(United States dollars, in millions) (unaudited)Consolidated Balance SheetsÂ As atÂ August 31, 2024February 29, 2024AssetsCurrentCash and cash equivalents (note 2)$171Â $175Â Short-term investments (note 2)40Â 62Â Accounts receivable, net of allowance of $6 and $6, respectively (note 3)150Â 199Â Other receivables (note 3)21Â 21Â Income taxes receivable 4Â 4Â Other current assets (note 3)52Â 47Â 438Â 508Â Restricted cash and cash equivalents (note 2)17Â 25Â Long-term investments (note 2)37Â 36Â Other long-term assets (note 3)59Â 57Â Operating lease right-of-use assets, net32Â 32Â Property, plant and equipment, net (note 3)17Â 21Â Intangible assets, net (note 3)136Â 154Â Goodwill (note 3)563Â 562Â $1,299Â $1,395Â LiabilitiesCurrentAccounts payable $7Â $17Â Accrued liabilities (note 3)109Â 117Â Income taxes payable (note 4)28Â 28Â Deferred revenue, current (note 10)161Â 194Â 305Â 356Â Deferred revenue, non-current (note 10)28Â 28Â Operating lease liabilities38Â 38Â Other long-term liabilities1Â 3Â Long-term notes (note 5)195Â 194Â 567Â 619Â Commitments and contingencies (note 9)Shareholdersâ€™ equityCapital stock and additional paid-in capitalPreferred shares: authorized unlimited number of non-voting, cumulative, redeemable and retractableâ€”Â â€”Â Common shares: authorized unlimited number of non-voting, redeemable, retractable Class A common shares and unlimited number of voting common sharesIssued and outstanding - 590,727,996 voting common shares (February 29, 2024 - 589,232,539)2,964Â 2,948Â Deficit(2,219)(2,158)Accumulated other comprehensive loss (note 8)(13)(14)732Â 776Â $1,299Â $1,395Â See notes to consolidated financial statements.On behalf of the Board:Â John GiammatteoLisa DisbrowDirectorDirector5BlackBerry Limited(United States dollars, in millions) (unaudited)Consolidated Statements of Shareholdersâ€™ EquityThree Months Ended August 31, 2024CapitalÂ StockandÂ AdditionalPaid-inÂ CapitalDeficitAccumulatedOtherComprehensive LossTotalBalance as at May 31, 2024$2,957Â $(2,200)$(15)$742Â Net lossâ€”Â (19)â€”Â (19)Other comprehensive incomeâ€”Â â€”Â 2Â 2Â Stock-based compensation7Â â€”Â â€”Â 7Â Balance as at August 31, 2024$2,964Â $(2,219)$(13)$732Â Three Months Ended August 31, 2023CapitalÂ StockandÂ AdditionalPaid-inÂ CapitalDeficitAccumulatedOtherComprehensive LossTotalBalance as at May 31, 2023$2,920Â $(2,039)$(22)$859Â Net lossâ€”Â (42)â€”Â (42)Other comprehensive incomeâ€”Â â€”Â 1Â 1Â Stock-based compensation11Â â€”Â â€”Â 11Â Balance as at August 31, 2023$2,931Â $(2,081)$(21)$829Â See notes to consolidated financial statements.6BlackBerry Limited(United States dollars, in millions) (unaudited)Consolidated Statements of Shareholdersâ€™ EquitySix Months Ended August 31, 2024CapitalÂ StockandÂ AdditionalPaid-inÂ CapitalDeficitAccumulatedOtherComprehensive LossTotalBalance as at February 29, 2024$2,948Â $(2,158)$(14)$776Â Net lossâ€”Â (61)â€”Â (61)Other comprehensive incomeâ€”Â â€”Â 1Â 1Â Stock-based compensation (note 6)15Â â€”Â â€”Â 15Â Shares issued:Employee share purchase plan (note 6)1Â â€”Â â€”Â 1Â Balance as at August 31, 2024$2,964Â $(2,219)$(13)$732Â Six Months Ended August 31, 2023CapitalÂ StockandÂ AdditionalPaid-inÂ CapitalDeficitAccumulatedOtherComprehensive LossTotalBalance as at February 28, 2023$2,909Â $(2,028)$(24)$857Â Net lossâ€”Â (53)â€”Â (53)Other comprehensive incomeâ€”Â â€”Â 3Â 3Â Stock-based compensation20Â â€”Â â€”Â 20Â Shares issued:Employee share purchase plan2Â â€”Â â€”Â 2Â Balance as at August 31, 2023$2,931Â $(2,081)$(21)$829Â See notes to consolidated financial statements.7BlackBerry Limited(United States dollars, in millions, except per share data) (unaudited)Consolidated Statements of OperationsÂ Â Three Months EndedSix Months EndedÂ August 31, 2024August 31, 2023August 31, 2024August 31, 2023Revenue (note 10)$145Â $132Â $289Â $505Â Cost of sales51Â 47Â 99Â 241Â Gross margin94Â 85Â 190Â 264Â Operating expensesResearch and development37Â 50Â 79Â 104Â Sales and marketing34Â 43Â 72Â 88Â General and administrative33Â 30Â 73Â 84Â Amortization11Â 14Â 23Â 29Â Impairment of long-lived assets (note 2)â€”Â 1Â 3Â 1Â Debentures fair value adjustment (note 5)â€”Â (6)â€”Â 16Â 115Â 132Â 250Â 322Â Operating loss(21)(47)(60)(58)Investment income, net (note 2 and note 5)3Â 7Â 8Â 10Â Loss before income taxes(18)(40)(52)(48)Provision for income taxes (note 4)1Â 2Â 9Â 5Â Net loss(19)(42)(61)(53)Loss per share (note 7)Basic(0.03)(0.07)(0.10)(0.09)Diluted(0.03)(0.07)(0.10)(0.09)See notes to consolidated financial statements.8BlackBerry Limited(United States dollars, in millions) (unaudited)Consolidated Statements of Comprehensive LossÂ Â Three Months Ended Six Months EndedÂ August 31, 2024August 31, 2023August 31, 2024August 31, 2023Net loss(19)(42)(61)(53)Other comprehensive incomeNet change in fair value and amounts reclassified to net loss from derivatives designated as cash flow hedges during the period, net of income taxes of nil for the three and six months ended August 31, 2024 and August 31, 2023 (note 8)â€”Â â€”Â â€”Â 1Â Foreign currency translation adjustment2Â 1Â 1Â 2Â Other comprehensive income2Â 1Â 1Â 3Â Comprehensive loss(17)(41)(60)(50)See notes to consolidated financial statements.9BlackBerry Limited(United States dollars, in millions) (unaudited)Consolidated Statements of Cash FlowsÂ Six Months EndedÂ Â August 31, 2024August 31, 2023Cash flows from operating activitiesNet loss(61)(53)Adjustments to reconcile net loss to net cash provided by (used in) operating activities:Amortization26Â 32Â Stock-based compensation15Â 20Â Impairment of long-lived assets (note 2)3Â 1Â Intellectual property disposed of by saleâ€”Â 147Â Debentures fair value adjustment (note 5)â€”Â 16Â Operating leases(4)(5)Other(2)â€”Â Net changes in working capital itemsAccounts receivable, net of allowance49Â (7)Other receivablesâ€”Â 4Â Income taxes receivableâ€”Â (2)Other assets(6)(61)Accounts payable(10)(6)Accrued liabilities(5)(24)Income taxes payableâ€”Â 1Â Deferred revenue(33)(20)Net cash provided by (used in) operating activities(28)43Â Cash flows from investing activitiesAcquisition of long-term investmentsâ€”Â (1)Acquisition of property, plant and equipment(3)(3)Acquisition of intangible assets(4)(10)Acquisition of short-term investments(72)(92)Proceeds on sale or maturity of short-term investments94Â 182Â Net cash provided by investing activities15Â 76Â Cash flows from financing activitiesIssuance of common shares1Â 2Â Net cash provided by financing activities1Â 2Â Net increase (decrease) in cash, cash equivalents, restricted cash, and restricted cash equivalents during the period(12)121Â Cash, cash equivalents, restricted cash, and restricted cash equivalents, beginning of period200Â 322Â Cash, cash equivalents, restricted cash, and restricted cash equivalents, end of period$188Â $443Â See notes to consolidated financial statements.10BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)1.Â Â Â Â SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND CRITICAL ACCOUNTING ESTIMATESBasis of Presentation and PreparationThese interim consolidated financial statements have been prepared by management in accordance with United States generally accepted accounting principles (â€œU.S. GAAPâ€). They do not include all of the disclosures required by U.S. GAAP for annual financial statements and should be read in conjunction with the audited consolidated financial statements of BlackBerry Limited (the â€œCompanyâ€) for the year ended February 29, 2024 (the â€œAnnual Financial Statementsâ€), which have been prepared in accordance with U.S. GAAP. In the opinion of management, all normal recurring adjustments considered necessary for fair presentation have been included in these interim consolidated financial statements. Operating results for the three and six months ended August 31, 2024 are not necessarily indicative of the results that may be expected for the full year ending FebruaryÂ 28, 2025. The consolidated balance sheet at February 29, 2024 was derived from the audited Annual Financial Statements but does not contain all of the footnote disclosures from the Annual Financial Statements.The preparation of the consolidated financial statements requires management to make estimates and assumptions with respect to the reported amounts of assets, liabilities, revenue and expenses and the disclosure of contingent assets and liabilities. Actual results could differ from these estimates and any such differences may be material to the Companyâ€™s consolidated financial statements.Certain of the comparative figures have been reclassified to conform to the current yearâ€™s presentation.The Company is organized and managed as three reportable operating segments: Cybersecurity, IoT (collectively, â€œSoftware & Servicesâ€), and Licensing, as further discussed in Note 10.Significant Accounting Policies and Critical Accounting EstimatesThere have been no material changes to the Companyâ€™s accounting policies or critical accounting estimates from those described in the Annual Financial Statements.Accounting Standards Adopted During Fiscal 2025In November 2023, the Financial Accounting Standards Board (the â€œFASBâ€) issued ASU 2023-07 on the topic of segment reporting. The standard requires additional disclosures for segment reporting. These requirements include: (i) disclosure of significant expenses that are regularly provided to the Chief Operating Decision Maker (â€œCODMâ€) and included within each reported measure of segment profit or loss (collectively referred to as the â€œsignificant expense principleâ€); (ii) disclosure of an amount for other segment items (equal to the difference between segment revenue less segment expenses disclosed under the significant expense principle and each reported measure of segment profit or loss) by reportable segment and a description of their composition; (iii) annual disclosure of a reportable segmentâ€™s profit or loss and assets currently required by Topic 280 in interim periods; (iv) clarification that, if the CODM uses more than one measure of a segment's profit or loss in assessing segment performance and deciding how to allocate resources, a public entity may report those additional measures of segment profit or loss; (v) disclosure of the title and position of the CODM and an explanation of how the CODM uses the reported measure(s) of segment profit or loss in assessing segment performance and deciding how to allocate resources; and (vi) requiring a public entity that has a single reportable segment provide all the disclosures required by the amendments in this ASU, and all existing segment disclosures in Topic 280. The guidance is effective for annual periods beginning after December 15, 2023 and interim periods within fiscal years beginning after December 15, 2024. The Company early adopted this guidance in the first quarter of fiscal 2025 and it did not have a material impact on its disclosures.11BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)Accounting Pronouncements Not Yet AdoptedIn December 2023, the FASB issued ASU 2023-09 â€œIncome Taxes (Topic 740): Improvements to Income Tax Disclosuresâ€ on the topic of income taxes. The standard requires additional disclosure for income taxes. These requirements include: (i) requiring a public entity to disclose specific categories in the rate reconciliation; (ii) disclosure of additional information for reconciling items that meet a quantitative threshold (if the effect of those reconciling items is equal to or greater than 5% of the amount computed by multiplying pretax income or loss by the applicable statutory income tax rate); (iii) annual disclosure of the amount of income taxes paid (net of refunds received) disaggregated by federal (national), state, and foreign taxes; (iv) annual disclosure of the amount of income taxes paid (net of refunds received) disaggregated by individual jurisdictions in which income taxes paid (net of refunds received) is equal to or greater than 5% of total income taxes paid (net of refunds received); (v) annual disclosure of income (or loss) from continuing operations before income tax expense (or benefit) disaggregated between domestic and foreign; and (vi) annual disclosure of income tax expense (or benefit) from continuing operations disaggregated by federal (national), state, and foreign. For public entities, the guidance is effective for annual periods beginning after December 15, 2024. The Company will adopt this guidance in fiscal 2026 and is in the process of evaluating the new requirements. As a result, the Company has not yet determined the impact this new ASU will have on its disclosures.2.Â Â Â Â FAIR VALUE MEASUREMENTS, CASH, CASH EQUIVALENTS AND INVESTMENTSFair Value The Company defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. When determining the fair value measurements for assets and liabilities required to be recorded at fair value, the Company considers the principal or most advantageous market in which it would transact and considers assumptions that market participants would use in pricing the asset or liability, such as inherent risk, non-performance risk and credit risk. The Company applies the following fair value hierarchy, which prioritizes the inputs used in the valuation methodologies in measuring fair value into three levels:â€¢Level 1 - Unadjusted quoted prices at the measurement date for identical assets or liabilities in active markets.â€¢Level 2 - Observable inputs other than quoted prices included in Level 1, such as quoted prices for similar assets and liabilities in active markets; quoted prices for identical or similar assets and liabilities in markets that are not active; or other inputs that are observable or can be corroborated by observable market data.â€¢Level 3 - Significant unobservable inputs that are supported by little or no market activity.The fair value hierarchy also requires the Company to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value.The Companyâ€™s cash and cash equivalents,Â accounts receivable, other receivables, accounts payable and accrued liabilities are carried at amounts that approximate their fair values (Level 2 measurement)Â due to their short maturities.Recurring Fair Value MeasurementsIn determining the fair value of investments held, the Company primarily relies on an independent third-party valuator for the fair valuation of securities.Â The Company also reviews the inputs used in the valuation process and assesses the pricing of the securities for reasonableness after conducting its own internal collection of quoted prices from brokers. Fair values for all investment categories provided by the independent third-party valuator that are in excess of 0.5% from the fair values determined by the Company are communicated to the independent third-party valuator for consideration of reasonableness. The independent third-party valuator considers the information provided by the Company before determining whether a change in their original pricing is warranted.When the Company concludes that there is a significant financing component included within a contract with a customer due to timing differences between the fulfillment of certain performance obligations and the receipt of payment for those performance obligations, the Company determines the present value of the future consideration utilizing the discount rate that would be reflected in a separate financing transaction between the customer and the Company at contract inception based upon the credit characteristics of the customer receiving financing in the contract.For a description of how the fair value of the 2020 Debentures (as defined in Note 5) was determined, see the â€œConvertible debenturesâ€ accounting policies in Note 1 to the Annual Financial Statements.12BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)Non-Recurring Fair Value MeasurementsUpon the occurrence of certain events, the Company re-measures the fair value of non-marketable equity investments for which it utilizes the measurement alternative, and long-lived assets, including property, plant and equipment, operating lease ROU assets, intangible assets and goodwill if an impairment or observable price adjustment is recognized in the current period.Non-Marketable Equity Investments Measured Using the Measurement AlternativeNon-marketable equity investments measured using the measurement alternative include investments in privately held companies without readily determinable fair values in which the Company does not own a controlling interest or have significant influence. The estimation of fair value used in the fair value measurements required the use of significant unobservable inputs, and as a result, the fair value measurements were classified as Level 3.Impairment of Long-Lived AssetsDuring the three and six months ended August 31, 2024, the Company exited certain leased facilities and recorded a pre-tax and after-tax impairment charge of nil and $3Â million, respectively, related to the operating lease right-of-use (â€œROUâ€) assets and property, plant and equipment associated with those facilities (three and six months ended August 31, 2023 - $1 million). The impairment was determined by comparing the fair value of the impacted ROU asset to the carrying value of the asset as of the impairment measurement date, as required under ASC Topic 360, Property, Plant, and Equipment, using Level 3 inputs. The fair value of the ROU asset was based on the estimated sublease income for certain facilities taking into consideration the estimated time period it will take to obtain a sublessor, the applicable discount rate and the sublease rate, which are considered unobservable inputs. The Company conducts an evaluation of the related liabilities and expenses and revises its assumptions and estimates as appropriate as new or updated information becomes available. The fair value measurement of ROU impaired assets is classified as Level 3.Cash, Cash Equivalents and Investments The components of cash, cash equivalents and investments by fair value level as at August 31, 2024 were as follows:CostÂ Basis (1)UnrealizedGainsUnrealizedLossesFairÂ ValueCash andCashEquivalentsShort-termInvestmentsLong-termInvestmentsRestricted Cash and Cash EquivalentsBank balances$65Â $â€”Â $â€”Â $65Â $65Â $â€”Â $â€”Â $â€”Â Other investments28Â 6Â â€”Â 34Â â€”Â â€”Â 34Â â€”Â 93Â 6Â â€”Â 99Â 65Â â€”Â 34Â â€”Â Level 1:Equity securities10Â â€”Â (10)â€”Â â€”Â â€”Â â€”Â â€”Â Level 2:Term deposits, and certificates of deposits23Â â€”Â â€”Â 23Â 10Â â€”Â â€”Â 13Â Bearer deposit notes31Â â€”Â â€”Â 31Â 29Â 2Â â€”Â â€”Â Commercial paper44Â â€”Â â€”Â 44Â 18Â 26Â â€”Â â€”Â Non-U.S. promissory notes42Â â€”Â â€”Â 42Â 30Â 12Â â€”Â â€”Â U.S. treasury bills23Â â€”Â â€”Â 23Â 19Â â€”Â â€”Â 4Â 163Â â€”Â â€”Â 163Â 106Â 40Â â€”Â 17Â Level 3:Other investments2Â 1Â â€”Â 3Â â€”Â â€”Â 3Â â€”Â $268Â $7Â (10)265Â $171Â $40Â $37Â $17Â ______________________________(1) Cost basis for other investments includes the effect of returns of capital and impairment.13BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)The components of cash, cash equivalents and investments by fair value level as at February 29, 2024 were as follows:CostÂ Basis (1)UnrealizedGainsUnrealizedLossesFairÂ ValueCash andCashEquivalentsShort-termInvestmentsLong-termInvestmentsRestricted Cash and Cash EquivalentsBank balances$96Â $â€”Â $â€”Â $96Â $96Â $â€”Â $â€”Â $â€”Â Other investments30Â 6Â â€”Â 36Â â€”Â â€”Â 36Â â€”Â 126Â 6Â â€”Â 132Â 96Â â€”Â 36Â â€”Â Level 1:Equity securities10Â â€”Â (10)â€”Â â€”Â â€”Â â€”Â â€”Â Level 2:Term deposits, and certificates of deposits21Â â€”Â â€”Â 21Â â€”Â â€”Â â€”Â 21Â Bearer deposit notes53Â â€”Â â€”Â 53Â 28Â 25Â â€”Â â€”Â Commercial paper47Â â€”Â â€”Â 47Â 15Â 32Â â€”Â â€”Â Non-U.S. promissory notes35Â â€”Â â€”Â 35Â 30Â 5Â â€”Â â€”Â U.S. treasury bills10Â â€”Â â€”Â 10Â 6Â â€”Â â€”Â 4Â 166Â â€”Â â€”Â 166Â 79Â 62Â â€”Â 25Â $302Â $6Â (10)298Â $175Â $62Â $36Â $25Â ______________________________(1) Cost basis for other investments includes the effect of returns of capital and impairment.As at August 31, 2024, the Company had non-marketable equity investments without readily determinable fair value of $37 million (February 29, 2024 - $36 million). During the three and six months ended August 31, 2024, the Company recorded an upward adjustment of nil and $1Â million, respectively, to the carrying value of a certain non-marketable equity investment without readily determinable fair value resulting from observable price changes in orderly transactions for identical or similar securities which have been included in investment income, net on the Companyâ€™s consolidated statements of operations. As of August 31, 2024, the Company has recorded a cumulative impairment of $3Â million to the carrying value of certain other non-marketable equity investments without readily determinable fair value (February 29, 2024 - $3Â million).There were no realized gains or losses on available-for-sale securities for the three and six months ended August 31, 2024 and August 31, 2023.The Company has restricted cash and cash equivalents, consisting of cash and securities pledged as collateral to major banking partners in support of the Companyâ€™s requirements for letters of credit. These letters of credit support certain leasing arrangements entered into in the ordinary course of business. The letters of credit are for terms ranging from one month to four years. The Company is legally restricted from accessing these funds during the term of the leases for which the letters of credit have been issued; however, the Company can continue to invest the funds and receive investment income thereon.The following table provides a reconciliation of cash, cash equivalents, restricted cash, and restricted cash equivalents as at August 31, 2024 and February 29, 2024 from the consolidated balance sheets to the consolidated statements of cash flows:As atAugust 31, 2024February 29, 2024Cash and cash equivalents$171Â $175Â Restricted cash and cash equivalents17Â 25Â Total cash, cash equivalents, restricted cash, and restricted cash equivalents presented in the consolidated statements of cash flows$188Â $200Â 14BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)The contractual maturities of available-for-sale investments as at August 31, 2024 and February 29, 2024 were as follows:As atAugust 31, 2024February 29, 2024CostÂ BasisFair ValueCostÂ BasisFairÂ ValueDue in one year or less $163Â $163Â $166Â $166Â No fixed maturity 10Â â€”Â 10Â â€”Â $173Â $163Â $176Â $166Â As at August 31, 2024 and February 29, 2024, the Company had no available-for-sale debt securities with continuous unrealized losses.3.Â Â Â Â CONSOLIDATED BALANCE SHEET DETAILSAccounts Receivable, Net of AllowanceThe current estimated credit losses (â€œCECLâ€) for accounts receivable as at August 31, 2024 were $6 million (February 29, 2024 - $6 million).The Company also has long-term accounts receivable included in Other Long-term Assets. The CECL for long-term accounts receivable is estimated using the probability of default method and the default exposure due to limited historical information. The exposure of default is represented by the assetsâ€™ amortized carrying amount at the reporting date.The following table sets forth the activity in the Companyâ€™s allowance for credit losses:Carrying AmountBeginning balance as of February 28, 2023$1Â Prior period provision for expected credit losses5Â Ending balance of the allowance for credit loss as at February 29, 20246Â Current period recovery for expected credit losses â€”Â Ending balance of the allowance for credit loss as at August 31, 2024$6Â The allowance for credit losses as at August 31, 2024 consists of $1Â million (February 29, 2024 - $1Â million) relating to CECL estimated based on days past due and region and $5Â million (February 29, 2024 - $5Â million) relating to specific customers that were evaluated separately.There was one customer that comprised more than 10% of accounts receivable as at August 31, 2024 (February 29, 2024 - two customers comprised more than 10%). Other ReceivablesAs at August 31, 2024 and February 29, 2024, other receivables included items such as other receivables related to intellectual property sold in fiscal 2024, see Note 10 under the heading â€œPatent Saleâ€, and claims filed with the Ministry of Innovation, Science and Economic Development Canada relating to its Strategic Innovation Fund programâ€™s investment in BlackBerry QNX, among other items, none of which were greater than 5% of the current assets balance.15BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)Other Current AssetsAs at August 31, 2024 and February 29, 2024, other current assets included the current portion of deferred commissions and prepaid expenses, among other items, none of which were greater than 5% of the current assets balance as at the balance sheet dates.Property, Plant and Equipment, NetProperty, plant and equipment comprised the following:Â As atÂ August 31, 2024February 29, 2024CostBlackBerry operations and other information technology$85Â $85Â Leasehold improvements and other12Â 15Â Furniture and fixtures5Â 6Â Manufacturing, repair and research and development equipment2Â 3Â 104Â 109Â Accumulated amortization87Â 88Â Net book value$17Â $21Â Intangible Assets, Net Intangible assets comprised the following:Â As at August 31, 2024Â CostAccumulatedAmortizationNetÂ BookValueAcquired technology$900Â $855Â $45Â Other acquired intangibles386Â 341Â 45Â Intellectual property111Â 65Â 46Â $1,397Â $1,261Â $136Â As at February 29, 2024CostAccumulatedAmortizationNetÂ BookValueAcquired technology$900Â $846Â $54Â Other acquired intangibles386Â 334Â 52Â Intellectual property111Â 63Â 48Â $1,397Â $1,243Â $154Â For the six months ended August 31, 2024, amortization expense related to intangible assets amounted to $22Â million (six months ended August 31, 2023 - $26Â million).Total additions to intangible assets for the six months ended August 31, 2024 amounted to $4 million (six months ended August 31, 2023 - $10 million). During the six months ended August 31, 2024, additions to intangible assets primarily consisted of payments for intellectual property relating to patent maintenance, registration and license fees.Based on the carrying value of the identified intangible assets as at August 31, 2024, and assuming no subsequent impairment of the underlying assets, the annual amortization expense for the remainder of fiscal 2025 and each of the five succeeding years is expected to be as follows: fiscal 2025 - $21 million; fiscal 2026 - $37 million; fiscal 2027 - $32 million; fiscal 2028 - $18 million; fiscal 2029 - $6 million and fiscal 2030 - $3 million. 16BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)GoodwillChanges to the carrying amount of goodwill during the six months ended August 31, 2024 were as follows:Carrying AmountCarrying amount as at February 28, 2023$595Â Goodwill impairment charge(35)Effect of foreign exchange on non-U.S. dollar denominated goodwill2Â Carrying amount as at February 29, 2024562Â Effect of foreign exchange on non-U.S. dollar denominated goodwill1Â Carrying amount as at August 31, 2024$563Â Other Long-term AssetsAs at August 31, 2024 and February 29, 2024, other long-term assets included long-term receivables related to intellectual property sold in fiscal 2024, see Note 10 under the heading â€œPatent Saleâ€, other long-term receivables, and the long-term portion of deferred commission, among other items, none of which were greater than 5% of the total assets balance.Accrued LiabilitiesAccrued liabilities is comprised of the following:Â As atÂ August 31, 2024February 29, 2024Variable incentive accrual$21Â $15Â Operating lease liabilities, current17Â 20Â Restructuring program liabilities, current portion7Â 20Â Other64Â 62Â $109Â $117Â As at August 31, 2024 and February 29, 2024, other accrued liabilities included accrued director fees, accrued vendor liabilities, payroll withholding taxes and accrued royalties, among other items, none of which were greater than 5% of the current liabilities balance in any of the periods presented.RestructuringDuring fiscal 2023 and fiscal 2024, the Company commenced restructuring programs with the objectives of reducing its annual costs and expenses relating to the Cybersecurity business, and later significantly separating and streamlining the Companyâ€™s centralized corporate functions into Cybersecurity and IoT specific teams such that the businesses may operate quasi-independently and on a profitable and cash flow positive basis. The reduction of overall Company costs had included and will continue to include rationalizing and streamlining existing central administrative functions, right-sizing cost structures within both business units including R&D and outsourced contracting, changes to overall product portfolio offerings and geographies the Company operates in and optimizing related support functions and organizational structure. Other charges and cash costs may occur as programs are implemented or changes are completed.17BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)The following table sets forth the activity in the Companyâ€™s restructuring program liabilities:EmployeeTerminationBenefitsFacilitiesCostsTotalBalance as at February 28, 20232Â 1Â 3Â Charges incurred31Â 6Â 37Â Cash payments made(16)(3)(19)Balance as at February 29, 202417Â 4Â 21Â Charges incurred7Â 2Â 9Â Cash payments made(20)(2)(22)Balance as at August 31, 2024$4Â $4Â $8Â Current portion$4Â $3Â $7Â Long-term portionâ€"Â 11$4Â $4Â $8Â The long-term portion of the restructuring liabilities is recorded at present value, determined by measuring the remaining payments at present value using an effective interest rate of 5.3%, and the Company recorded interest expense over time to arrive at the total face value of the remaining payments.The restructuring charges included employee termination benefits and facilities costs to better align the Companyâ€™s general and administrative and R&D cost profiles to its market competitors, create a more focused sales force and improve profitability and cash flow. Total charges incurred for the six months ended August 31, 2024 and August 31, 2023 were $9Â million and $8Â million, respectively, recorded within General and administrative on the Consolidated Statements of Operations. 4.Â Â Â Â INCOME TAXESFor the six months ended August 31, 2024, the Companyâ€™s net effective income tax expense rate was approximately 17% compared to a net effective income tax expense rate of 10% for the six months ended August 31, 2023. The Companyâ€™s income tax rate reflects the change in unrecognized income tax benefit, if any, and the fact that the Company has a significant valuation allowance against its deferred income tax assets; in particular, any change in loss carry forwards or research and development credits, amongst other items, is offset by a corresponding adjustment of the valuation allowance. The Companyâ€™s net effective income tax rate also reflects the geographic mix of earnings in jurisdictions with different income tax rates.The Companyâ€™s total unrecognized income tax benefits as at August 31, 2024 were $20 million (February 29, 2024 - $20 million). As at August 31, 2024, $20 million of the unrecognized income tax benefits have been netted against deferred income tax assets and nil has been recorded within income taxes payable on the Companyâ€™s consolidated balance sheets.The Company is subject to ongoing examination by tax authorities in certain jurisdictions in which it operates. The Company regularly assesses the status of these examinations and the potential for adverse outcomes to determine the adequacy of the provision for income taxes as well as the provisions for indirect and other taxes and related penalties and interest. While the final resolution of audits is uncertain, the Company believes the ultimate resolution of these audits will not have a material adverse effect on its consolidated financial position, liquidity or results of operations.5.Â Â Â Â DEBENTURES3.00% Convertible Senior NotesOn January 29, 2024, the Company issued $200Â million aggregate principal amount of 3.00% senior convertible unsecured notes (the â€œNotesâ€ and, collectively with the 2020 Debentures, the â€œDebenturesâ€) in an offering to qualified institutional buyers in accordance with Rule 144A under the Securities Act of 1933, as amended. The Notes are due on FebruaryÂ 15, 2029 unless earlier converted, redeemed, or repurchased. Each $1,000 principal amount of the Notes is convertible into 257.5826 common shares of the Company based on the initial conversion rate, for a total of 52Â million common shares at a price of $3.88 per share, subject to adjustments. Prior to the close of business on the business day immediately preceding November 15, 2028, the Notes will be convertible only upon satisfaction of 18BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)certain conditions and during certain periods, and thereafter, at any time until the close of business on the second scheduled trading day immediately preceding February 15, 2029. The Company may satisfy any conversions of the Notes by paying or delivering, as the case may be, cash, its common shares or a combination of cash and its common shares, at the Companyâ€™s election (or, in the case of any Notes called for redemption that are converted during the related redemption period, solely its common shares). Covenants associated with the Notes include general corporate maintenance, existence and reporting requirements. The Notes bear interest at a rate of 3.00% per annum, payable semi-annually in arrears on February 15 and August 15 of each year, beginning on AugustÂ 15, 2024.The Company had recorded the Notes, including the debt itself and all embedded derivatives, at cost less debt issuance costs of $6Â million and presents the Notes as a single hybrid financial instrument. No portion of the embedded derivatives required bifurcation from the host debt contract.The following table summarizes the change in the Notes for the six months ended August 31, 2024:Carrying AmountBalance as at February 29, 2024$194Â Amortization of debt issuance costs1Â Balance as at August 31, 2024$195Â 2020 DebenturesOn September 1, 2020, Hamblin Watsa Investment Counsel Ltd., in its capacity as investment manager of Fairfax Financial Holdings Limited (â€œFairfaxâ€), and another institutional investor invested in the Company through a $365Â million private placement of debentures (the â€œ2020 Debenturesâ€). The 2020 Debentures matured on November 13, 2023.Due to the conversion option and other embedded derivatives within the 2020 Debentures, the Company elected to record the 2020 Debentures, including the debt itself and all embedded derivatives, at fair value and presented the 2020 Debentures as a single hybrid financial instrument. No portion of the fair value of the 2020 Debentures was recorded as equity.Each period, the fair value of the 2020 Debentures was recalculated and resulting gains and losses from the change in fair value of the 2020 Debentures associated with non-credit components were recognized in income, while the change in fair value associated with credit components was recognized in accumulated other comprehensive loss (â€œAOCLâ€). The fair value of the 2020 Debentures was determined using the significant Level 2 inputs interest rate curves, the market price and volatility of the Companyâ€™s listed common shares, and the significant Level 3 inputs related to credit spread and the implied discount of the 2020 Debentures at issuance.The following table shows the impact of the changes in fair value of the Debentures for the three and six months ended August 31, 2024 and August 31, 2023:Â Â Â Â Three Months EndedSix Months EndedÂ Â August 31, 2024August 31, 2023August 31, 2024August 31, 2023Income (charge) associated with the change in fair value from non-credit components recorded in the consolidated statements of operations $â€"Â $6Â $â€"Â $(16)Total decrease (increase) in the fair value of the 2020 Debentures $â€"Â $6Â $â€"Â $(16)For the three and six months ended August 31, 2024, the Company recorded interest expense related to the Debentures of $2 million and $3Â million, respectively, which has been included in investment income, net on the Companyâ€™s consolidated statements of operations (three and six months ended August 31, 2023 - $2 million and $3Â million).Fairfax, a related party under U.S. GAAP due to its beneficial ownership of common shares in the Company after taking into account potential conversion of the 2020 Debentures, owned $330Â million principal amount of the 2020 Debentures. As such, the payment of interest on the 2020 Debentures to Fairfax represented a related party transaction.19BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)6.Â Â Â Â CAPITAL STOCKThe following details the changes in issued and outstanding common shares for the six months ended August 31, 2024:Â Capital Stock andAdditionalÂ Paid-inÂ CapitalÂ StockOutstanding(000s)AmountCommon shares outstanding as at February 29, 2024589,233Â $2,948Â Common shares issued for restricted share unit settlements940Â â€"Â Stock-based compensationâ€"Â 15Â Common shares issued for employee share purchase plan555Â 1Â Common shares outstanding as at August 31, 2024590,728Â $2,964Â The Company had 591Â million voting common shares outstanding, 0.2 million options to purchase voting common shares, 18 million RSUs and 1 million DSUs outstanding as at SeptemberÂ 24, 2024. In addition, 51.5Â million common shares are issuable upon conversion in full of the Notes as described in Note 5.7.Â Â Â Â LOSS PER SHAREThe following table sets forth the computation of basic and diluted loss per share:Â Three Months EndedSix Months EndedÂ August 31, 2024August 31, 2023August 31, 2024August 31, 2023Net loss for basic and diluted loss per share available to common shareholders(19)(42)(61)(53)Weighted average number of shares outstanding (000â€™s) - basic and diluted (1) (2)590,549Â 583,524Â 590,188Â 583,171Â Loss per share - reportedBasic(0.03)(0.07)(0.10)(0.09)Diluted(0.03)(0.07)(0.10)(0.09)_______________________________(1) The Company has not presented the dilutive effect of the Notes or 2020 Debentures using the if-converted method in the calculation of diluted loss per share for the three and six months ended August 31, 2024 and August 31, 2023, as to do so would be antidilutive. See Note 5 for details on the Notes and 2020 Debentures.(2) The Company has not presented the dilutive effect of in-the-money options and RSUs that will be settled upon vesting by the issuance of new common shares in the calculation of diluted loss per share for the three and six months ended August 31, 2024 and August 31, 2023, as to do so would be antidilutive.20BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)8.Â Â Â Â ACCUMULATED OTHER COMPREHENSIVE LOSSThe changes in AOCL by component net of tax, for the three and six months ended August 31, 2024 and August 31, 2023 were as follows:Three Months EndedSix Months EndedAugust 31, 2024August 31, 2023August 31, 2024August 31, 2023Cash Flow HedgesBalance, beginning of period$â€"Â $â€"Â $â€"Â $(1)Amounts reclassified from AOCL into net lossâ€"Â â€"Â â€"Â 1Â Accumulated net unrealized gains on derivative instruments designated as cash flow hedges$â€"Â $â€"Â $â€"Â $â€"Â Foreign Currency Cumulative Translation AdjustmentBalance, beginning of period(15)(15)(14)(16)Other comprehensive income2Â 1Â 1Â 2Â Foreign currency cumulative translation adjustment(13)(14)(13)(14)Change in Fair Value From Instrument-Specific Credit Risk On DebenturesChange in fair value from instruments-specific credit risk on Debentures$â€"Â (6)â€"Â $(6)Other Post-Employment Benefit ObligationsActuarial losses associated with other post-employment benefit obligations$â€"Â (1)â€"Â $(1)Accumulated Other Comprehensive Loss, End of Period(13)(21)(13)(21)9.Â Â Â Â COMMITMENTS AND CONTINGENCIES(a)Letters of CreditThe Company had $16 million in collateralized outstanding letters of credit in support of certain leasing arrangements entered into in the ordinary course of business as of August 31, 2024. See the discussion of restricted cash in Note 2. (b)Contingencies LitigationThe Company is involved in litigation in the normal course of its business, both as a defendant and as a plaintiff. The Company is subject to a variety of claims (including claims related to patent infringement, purported class actions and other claims in the normal course of business) and may be subject to additional claims either directly or through indemnities against claims that it provides to certain of its partners and customers. In particular, the industry in which the Company competes has many participants that own, or claim to own, intellectual property, including participants that have been issued patents and may have filed patent applications or may obtain additional patents and proprietary rights for technologies similar to those used by the Company in its products. The Company has received, and may receive in the future, assertions and claims from third parties that the Companyâ€™s products infringe on their patents or other intellectual property rights. Litigation has been, and will likely continue to be, necessary to determine the scope, enforceability and validity of third-party proprietary rights or to establish the Companyâ€™s proprietary rights. Regardless of whether claims against the Company have merit, those claims could be time-consuming to evaluate and defend, result in costly litigation, divert managementâ€™s attention and resources and subject the Company to significant liabilities.Management reviews all of the relevant facts for each claim and applies judgment in evaluating the likelihood and, if applicable, the amount of any potential loss. Where a potential loss is considered probable and the amount is reasonably estimable, provisions for loss are made based on managementâ€™s assessment of the likely outcome. Where a range of loss can be reasonably estimated with no best estimate in the range, the Company records the minimum amount in the range. 21 BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)The Company does not provide for claims for which the outcome is not probable or claims for which the amount of the loss cannot be reasonably estimated. Any settlements or awards under such claims are provided for when reasonably determinable.As of August 31, 2024, there are no material claims outstanding for which the Company has assessed the potential loss as both probable to result and reasonably estimable; therefore, no accrual has been made. Further, there are claims outstanding for which the Company has assessed the potential loss as reasonably possible to result; however, an estimate of the amount of loss cannot reasonably be made. There are many reasons that the Company cannot make these assessments, including, among others, one or more of the following: the early stages of a proceeding does not require the claimant to specifically identify the patent claims that have allegedly been infringed or the products that are alleged to infringe; damages sought are unspecified, unsupportable, unexplained or uncertain; discovery has not been started or is incomplete; the facts that are in dispute are highly complex; the difficulty of assessing novel claims; the parties have not engaged in any meaningful settlement discussions; the possibility that other parties may share in any ultimate liability; and the often slow pace of litigation. The Company has included the following summaries of certain of its legal proceedings though they do not meet the test for accrual described above.Between October and December 2013, several purported class action lawsuits and one individual lawsuit were filed against the Company and certain of its former officers in various jurisdictions in the U.S. and Canada alleging that the Company and certain of its officers made materially false and misleading statements regarding the Companyâ€™s financial condition and business prospects and that certain of the Companyâ€™s financial statements contain material misstatements. The individual lawsuit was voluntarily dismissed and the consolidated U.S. class actions Stipulation of Settlement was executed effective June 7, 2022.On July 23, 2014, the plaintiff in the putative Ontario class action (Swisscanto Fondsleitung AG v. BlackBerry Limited, et al.) filed a motion for class certification and for leave to pursue statutory misrepresentation claims. On November 17, 2015, the Ontario Superior Court of Justice issued an order granting the plaintiffsâ€™ motion for leave to file a statutory claim for misrepresentation. On December 2, 2015, the Company filed a notice of motion seeking leave to appeal this ruling. On November 15, 2018, the Court denied the Companyâ€™s motion for leave to appeal the order granting the plaintiffs leave to file a statutory claim for misrepresentation. On February 5, 2019, the Court entered an order certifying a class comprised persons (a) who purchased BlackBerry common shares between March 28, 2013, and September 20, 2013, and still held at least some of those shares as of September 20, 2013, and (b) who acquired those shares on a Canadian stock exchange or acquired those shares on any other stock exchange and were a resident of Canada when the shares were acquired. Notice of class certification was published on March 6, 2019. The Company filed its Statement of Defence on April 1, 2019. Discovery is proceeding and the Court has not set a trial date. On March 17, 2017, a putative employment class action was filed against the Company in the Ontario Superior Court of Justice (Parker v. BlackBerry Limited). The Statement of Claim alleges that actions the Company took when certain of its employees decided to accept offers of employment from Ford Motor Company of Canada amounted to a wrongful termination of the employeesâ€™ employment with the Company. The claim seeks (i) an unspecified quantum of statutory, contractual, or common law termination entitlements; (ii) punitive or breach of duty of good faith damages of CAD$20 million, or such other amount as the Court finds appropriate, (iii) pre- and post- judgment interest, (iv) attorneysâ€™ fees and costs, and (v) such other relief as the Court deems just. The Court granted the plaintiffsâ€™ motion to certify the class action on May 27, 2019. The Company commenced a motion for leave to appeal the certification order on June 11, 2019. The Court denied the motion for leave to appeal on September 17, 2019. The Company filed its Statement of Defence on December 19, 2019. The parties participated in a mediation on November 9, 2022, which did not result in an agreement. The Court has set a trial date of June 2, 2025, and scheduled a pre-trial conference on December 4, 2024. Discovery is proceeding.Other contingencies As at August 31, 2024, the Company has recognized $17 million (February 29, 2024 - $17Â million) in funds from claims filed with the Ministry of Innovation, Science and Economic Development Canada relating to its Strategic Innovation Fund programâ€™s investment in BlackBerry QNX. A portion of this amount may be repayable in the future under certain circumstances if certain terms and conditions are not met by the Company, which is not probable at this time.(c)IndemnificationsThe Company enters into certain agreements that contain indemnification provisions under which the Company could be subject to costs and damages, including in the event of an infringement claim against the Company or an indemnified 22 BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)third party. Such intellectual property infringement indemnification clauses are generally not subject to any dollar limits and remain in effect for the term of the Companyâ€™s agreements. To date, the Company has not encountered material costs as a result of such indemnifications.The Company has entered into indemnification agreements with its current and former directors and executive officers. Under these agreements, the Company agreed, subject to applicable law, to indemnify its current and former directors and executive officers against all costs, charges and expenses reasonably incurred by such individuals in respect of any civil, criminal or administrative action that could arise by reason of their status as directors or officers. The Company maintains liability insurance coverage for the benefit of the Company, and its current and former directors and executive officers. The Company has not encountered material costs as a result of such indemnifications in the current period. 10.Â Â Â Â REVENUE AND SEGMENT DISCLOSURESThe Company reports segment information based on the â€œmanagementâ€ approach. The management approach designates the internal reporting used by the CODM for making decisions and assessing performance as a source of the Companyâ€™s reportable operating segments. The CODM, who is the CEO of the Company, makes decisions and assesses the performance of the Company using three operating segments.The CODM does not evaluate operating segments using discrete asset information. The Company does not specifically allocate assets to operating segments for internal reporting purposes. Segment DisclosuresThe Company is organized and managed as three operating segments: Cybersecurity, IoT, and Licensing. The following table shows information by operating segment for the three and six months ended August 31, 2024 and August 31, 2023:Â For the Three Months EndedCybersecurityIoTLicensingSegment TotalsAugust 31,August 31,August 31,August 31,20242023202420232024202320242023Segment revenue$87Â $79Â $55Â $49Â $3Â $4Â $145Â $132Â Segment cost of sales39Â 36Â 10Â 8Â 1Â 2Â 50Â 46Â Segment gross margin (1)$48Â $43Â $45Â $41Â $2Â $2Â $95Â $86Â For the Six Months EndedCybersecurityIoTLicensingSegment TotalsAugust 31,August 31,August 31,August 31,20242023202420232024202320242023Segment revenue$172Â $172Â $108Â $94Â $9Â $239Â $289Â $505Â Segment cost of sales74Â 73Â 20Â 17Â 3Â 149Â 97Â 239Â Segment gross margin (1)$98Â $99Â $88Â $77Â $6Â $90Â $192Â $266Â _____________________________(1) A reconciliation of total segment gross margin to consolidated totals is set forth below.Cybersecurity consists of BlackBerryÂ® UEM and CylanceÂ® cybersecurity solutions, BlackBerryÂ® AtHocÂ® and BlackBerryÂ® SecuSUITEÂ®. The Companyâ€™s Cylance AI and machine learning-based platform consists of CylanceENDPOINTâ„¢, CylanceMDRâ„¢, CylanceEDGEâ„¢ and other cybersecurity applications. The Companyâ€™s endpoint management platform includes BlackBerryÂ® UEM, BlackBerryÂ® Dynamicsâ„¢, and BlackBerryÂ® Workspaces solutions. Cybersecurity revenue is generated predominantly through software licenses, commonly bundled with support, maintenance and professional services. IoT consists of BlackBerryÂ® QNXÂ®, BlackBerryÂ® CerticomÂ®, BlackBerry RadarÂ®, BlackBerry IVYÂ® and other IoT applications. IoT revenue is generated predominantly through software licenses, commonly bundled with support, maintenance and professional services.Licensing consists of the Companyâ€™s intellectual property arrangements and settlement awards. 23 BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)The following table reconciles total segment gross margin for the three and six months ended August 31, 2024 and August 31, 2023 to the Companyâ€™s consolidated totals:Â Three Months EndedSix Months EndedAugust 31, 2024August 31, 2023August 31, 2024August 31, 2023Total segment gross margin$95Â $86Â 192Â $266Â Adjustments (1):Less: Stock compensation1Â 1Â 2Â 2Â Less:Research & development37Â 50Â 79Â 104Â Sales and marketing34Â 43Â 72Â 88Â General and administrative33Â 30Â 73Â 84Â Amortization11Â 14Â 23Â 29Â Impairment of long-lived assetsâ€”Â 1Â 3Â 1Â Debentures fair value adjustmentâ€”Â (6)â€”Â 16Â Investment income, net(3)(7)(8)(10)Loss before income taxes(18)(40)(52)(48)_____________________________(1) The CODM reviews segment information on an adjusted basis, which excludes certain amounts as described below:Stock compensation expenses - Equity compensation is a non-cash expense and does not impact the ongoing operating decisions taken by the Companyâ€™s management.Patent SaleOn May 11, 2023, the Company completed the sale of certain non-core patent assets to Malikie Innovations Limited for $170Â million in cash on closing, an additional $30Â million in fixed consideration due by no later than the third anniversary of closing and variable consideration in the form of future royalties in the aggregate amount of up to $700Â million (the â€œMalikie Transactionâ€). Pursuant to the terms of the Malikie Transaction, the Company received a license back to the patents sold, which relate primarily to mobile devices, messaging and wireless networking.In the first quarter of fiscal 2024, the Company recognized revenue of $218Â million and cost of sales of $147Â million related to intellectual property sold. As at August 31, 2024, the remaining financing component on the patent sale was $8Â million and will be recognized as interest income over the payment terms.The Company estimated variable consideration from future royalty revenues using an expected value method including inputs from both internal and external sources related to patent monetization activities and cash flows, and constrained the recognition of that variable consideration based on the Companyâ€™s accounting policies and critical accounting estimates as described in Note 1. The present value of variable consideration recognized as revenue was $23Â million and the amount of variable consideration constrained was $210Â million. The Company evaluates its conclusions as to whether the constraints are still applicable on an ongoing basis, and will make updates when it observes a sufficient amount of evidence that amounts of variable consideration are no longer subject to constraint or the estimated amount of variable consideration has changed.24 BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)RevenueThe Company disaggregates revenue from contracts with customers based on geographical regions, timing of revenue recognition, and the major product and service types, as discussed above in â€œSegment Disclosuresâ€.The Companyâ€™s revenue, classified by major geographic region in which the Companyâ€™s customers are located, was as follows:Â Three Months EndedSix Months EndedÂ August 31, 2024August 31, 2023August 31, 2024August 31, 2023North America (1)$69Â $72Â $137Â $389Â Europe, Middle East and Africa47Â 39Â 94Â 76Â Other regions29Â 21Â 58Â 40Â Total $145Â $132Â $289Â $505Â North America (1)47.6Â %54.5Â %47.4Â %77.0Â %Europe, Middle East and Africa32.4Â %29.6Â %32.5Â %15.1Â %Other regions20.0Â %15.9Â %20.1Â %7.9Â %Total 100.0Â %100.0Â %100.0Â %100.0Â %_____________________________(1) North America includes all revenue from the Companyâ€™s intellectual property arrangements, due to the global applicability of the patent portfolio and licensing arrangements thereof.Revenue, classified by timing of recognition, was as follows:Â Three Months Ended Six Months EndedAugust 31, 2024August 31, 2023August 31, 2024August 31, 2023Products and services transferred over time$79Â $79Â $156Â $165Â Products and services transferred at a point in time66Â 53Â 133Â 340Â Total$145Â $132Â $289Â $505Â Revenue contract balancesThe following table sets forth the activity in the Companyâ€™s revenue contract balances for the six months ended August 31, 2024:Accounts and Other ReceivableDeferred RevenueDeferred CommissionsOpening balance as at February 29, 2024$255Â $222Â $21Â Increases due to invoicing of new or existing contracts, associated contract acquisition costs, or other272Â 248Â 11Â Decrease due to payment, fulfillment of performance obligations, or other(317)(281)(12)Decrease, net(45)(33)(1)Closing balance as at August 31, 2024$210Â $189Â $20Â 25 BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)Transaction price allocated to the remaining performance obligationsThe table below discloses the aggregate amount of the transaction price allocated to performance obligations that are unsatisfied or partially unsatisfied as at August 31, 2024 and the time frame in which the Company expects to recognize this revenue. The disclosure includes estimates of variable consideration, except when the variable consideration is a sales-based or usage-based royalty promised in exchange for a license of intellectual property. The disclosure excludes estimates of variable consideration relating to potential future royalty revenues from the Malikie Transaction, which have been constrained based on the Companyâ€™s accounting policies and critical accounting estimates and as described under â€œPatent Saleâ€ in this Note 10.As at August 31, 2024Less than 12 Months12 to 24 MonthsThereafterTotalRemaining performance obligations$161Â $13Â $15Â $189Â Revenue recognized for performance obligations satisfied in prior periodsFor the three and six months ended August 31, 2024, revenue of $2Â million and $2Â million respectively, was recognized relating to performance obligations satisfied in a prior period (three and six months ended August 31, 2023 - $1Â million and $12Â million respectively).Assets by Geography Property, plant and equipment, intangible assets, operating lease ROU assets and goodwill, classified by geographic region in which the Companyâ€™s assets are located, were as follows:Â As atÂ August 31, 2024February 29, 2024Property, Plant and Equipment, Intangible Assets, Operating Lease ROU Assets and GoodwillTotal AssetsProperty, Plant and Equipment, Intangible Assets, Operating Lease ROU Assets and GoodwillTotal AssetsCanada$79Â $323Â $78Â $342Â United States640Â 886Â 662Â 923Â Other29Â 90Â 29Â 130Â $748Â $1,299Â $769Â $1,395Â Information About Major CustomersThere was one customer that comprised 11% of the Companyâ€™s revenue and one customer that comprised 12% of the Companyâ€™s revenue in the three and six months ended August 31, 2024, respectively (three and six months ended August 31, 2023 - no customer that comprised more than 10% of the Companyâ€™s revenue and one customer that comprised 45% of the Companyâ€™s revenue, due to the completed Malikie Transaction).26 BlackBerry LimitedNotes to the Consolidated Financial StatementsIn millions of United States dollars, except share and per share data, and except as otherwise indicated (unaudited)11.Â Â Â Â CASH FLOW AND ADDITIONAL INFORMATION(a)Â Â Â Â Certain consolidated statements of cash flow information related to interest and income taxes paid is summarized as follows:Â Three Months EndedSix Months EndedÂ August 31, 2024August 31, 2023August 31, 2024August 31, 2023Interest paid during the period$2Â $2Â $3Â $3Â Income taxes paid during the period3Â 2Â 10Â 4Â Income tax refunds received during the periodâ€”Â â€”Â â€”Â â€”Â (b)Â Â Â Â Additional InformationForeign exchangeThe Company is exposed to foreign exchange risk as a result of transactions in currencies other than its functional currency, the U.S. dollar. The majority of the Companyâ€™s revenue in the second quarter of fiscal 2025 was transacted in U.S. dollars. Portions of the revenue were denominated in Canadian dollars, euros and British pounds. Other expenses, consisting mainly of salaries and certain other operating costs, were incurred primarily in Canadian dollars, but were also incurred in U.S. dollars, euros and British pounds. At August 31, 2024, approximately 26% of cash and cash equivalents, 26% of accounts receivable and 73% of accounts payable were denominated in foreign currencies (February 29, 2024 â€“ 19%, 25% and 59%, respectively). These foreign currencies primarily include the Canadian dollar, euro and British pound. As part of its risk management strategy, the Company maintains net monetary asset and/or liability balances in foreign currencies and engages in foreign currency hedging activities using derivative financial instruments, including currency forward contracts and currency options. The Company does not use derivative instruments for speculative purposes. Interest rate riskCash and cash equivalents and investments are invested in certain instruments with fixed interest rates of varying maturities. Consequently, the Company is exposed to interest rate risk as a result of holding investments of varying maturities and the significant financing components within certain revenue contracts with customers. The fair value of investments, as well as the investment income derived from the investment portfolio, will fluctuate with changes in prevailing interest rates. The Company also has significant financing components within certain revenue contracts with customers and is exposed to interest rate risk as a result of discounting the future payments from customers with a fixed interest rate. The Company has also issued Notes with a fixed interest rate, as described in Note 5. The Company is exposed to interest rate risk as a result of the Notes. The Company does not currently utilize interest rate derivative instruments.Credit riskThe Company is exposed to market and credit risk on its investment portfolio. The Company is also exposed to credit risk with customers, as described in Note 3. The Company reduces this risk from its investment portfolio by investing in liquid, investment-grade securities and by limiting exposure to any one entity or group of related entities. As at August 31, 2024, no single issuer represented more than 28% of the total cash, cash equivalents and investments (February 29, 2024 - no single issuer represented more than 30% of the total cash, cash equivalents and investments), with the largest such issuer representing bearer deposits, term deposits and cash balances with one of the Companyâ€™s banking counterparties. Liquidity riskCash, cash equivalents, and investments were approximately $265 million as at August 31, 2024. The Companyâ€™s management remains focused on efficiently managing working capital balances and managing the liquidity needs of the business. Based on its current financial projections, the Company believes its financial resources, together with expected future operating cash generating and operating expense reduction activities, should be sufficient to meet funding requirements for current financial commitments and future operating expenditures not yet committed, and should provide the necessary financial capacity for the foreseeable future. 27 ITEM 2. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONSThe following Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations (â€œMD&Aâ€) should be read together with the unaudited interim consolidated financial statements and the accompanying notes (the â€œConsolidated Financial Statementsâ€) of BlackBerry Limited for the three and six months ended August 31, 2024, included in Part I, Item 1 of this Quarterly Report on Form 10-Q, as well as the Companyâ€™s audited consolidated financial statements and accompanying notes and MD&A for the fiscal year ended February 29, 2024 (the â€œAnnual MD&Aâ€). The Consolidated Financial Statements are presented in U.S. dollars and have been prepared in accordance with United States generally accepted accounting principles (â€œU.S. GAAPâ€). All financial information in this MD&A is presented in U.S. dollars, unless otherwise indicated.Additional information about the Company, which is included in the Companyâ€™s Annual Report on Form 10-K for the fiscal year ended February 29, 2024 (the â€œAnnual Reportâ€), can be found on SEDAR+ at www.sedarplus.ca and on the SECâ€™s website at www.sec.gov.Cautionary Note Regarding Forward-Looking Statements This MD&A contains forward-looking statements within the meaning of certain securities laws, including under the U.S. Private Securities Litigation Reform Act of 1995 and applicable Canadian securities laws, including statements relating to: â€¢the Companyâ€™s plans, strategies and objectives, including its intentions to increase and enhance its product and service offerings and to patent new innovations; â€¢the Companyâ€™s expectations with respect to enhancing operational focus and flexibility, driving improved profitability, and increasing optionality for optimizing shareholder value through the virtual separation of its principal business units;â€¢the Companyâ€™s expectations with respect to its revenue and adjusted EBITDA in the third and fourth quarters of fiscal 2025, non-GAAP EPS and operating cash flow in the third quarter of fiscal 2025, and these items for fiscal 2025 as a whole;â€¢the Companyâ€™s estimates of purchase obligations and other contractual commitments; andâ€¢the Companyâ€™s expectations with respect to the sufficiency of its financial resources.The words â€œexpectâ€, â€œanticipateâ€, â€œestimateâ€, â€œmayâ€, â€œwillâ€, â€œshouldâ€, â€œcouldâ€, â€œintendâ€, â€œbelieveâ€, â€œtargetâ€, â€œplanâ€ and similar expressions are intended to identify forward-looking statements in this MD&A, including in the sections entitled â€œBusiness Overviewâ€, â€œBusiness Overview - Products and Servicesâ€, â€œBusiness Overview - Business Separationâ€, â€œResults of Operations - Three months ended August 31, 2024 compared to the three months ended August 31, 2023 - Revenue - Revenue by Segmentâ€, â€œResults of Operations - Three months ended August 31, 2024 compared to the three months ended August 31, 2023 - Net Lossâ€ and â€œFinancial Condition - Contractual and Other Obligationsâ€. Forward-looking statements are based on estimates and assumptions made by the Company in light of its experience and its perception of historical trends, current conditions and expected future developments, as well as other factors that the Company believes are appropriate in the circumstances, including but not limited to, the Companyâ€™s expectations regarding its business, strategy, opportunities and prospects, the launch of new products and services, general economic conditions, competition, the Companyâ€™s expectations regarding its financial performance, and the Companyâ€™s expectations regarding the ongoing separation of its businesses. Many factors could cause the Companyâ€™s actual results, performance or achievements to differ materially from those expressed or implied by the forward-looking statements, including, without limitation, the risk factors discussed in Part I, Item 1A â€œRisk Factorsâ€ in the Annual Report.All of these factors should be considered carefully, and readers should not place undue reliance on the Companyâ€™s forward-looking statements. Any statements that are forward-looking statements are intended to enable the Companyâ€™s shareholders to view the anticipated performance and prospects of the Company from managementâ€™s perspective at the time such statements are made, and they are subject to the risks that are inherent in all forward-looking statements, as described above, as well as difficulties in forecasting the Companyâ€™s financial results and performance for future periods, particularly over longer periods, given changes in technology and the Companyâ€™s business strategy, evolving industry standards, intense competition and short product life cycles that characterize the industries in which the Company operates. See the â€œStrategyâ€ subsection in Part I, Item 1 â€œBusinessâ€ of the Annual Report.The Company has no intention and undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable law.28 Business Overview The Company provides intelligent security software and services to enterprises and governments around the world. The Company secures more than 235 million vehicles. Based in Waterloo, Ontario, the Company leverages artificial intelligence (â€œAIâ€) and machine learning to deliver innovative solutions in the areas of cybersecurity, safety and data privacy, and is a leader in the areas of endpoint security, endpoint management, encryption, and embedded systems.The Company has two core divisions, Cybersecurity and IoT, each addressing large and growing market opportunities. The Companyâ€™s Cybersecurity division is a pioneer in the use of artificial intelligence (â€œAIâ€) and machine learning to deliver innovative solutions in the areas of cybersecurity and data privacy. It is a leader in next-generation endpoint security, endpoint management, secure communications and critical event management.The Companyâ€™s IoT division provides embedded software solutions and the Company believes it is the worldâ€™s leading automotive foundational software supplier. Its customers include major automotive OEMs and Tier 1 suppliers that use its products in vehicles, as well as top medical OEMs. The Companyâ€™s solutions are implemented into all of the top ten automotive OEMs, top seven Tier 1 suppliers, 24 of the 25 top EV OEMs, and nine of the ten top medical OEMs.The Company primarily generates revenue from the licensing of enterprise software and sales of associated services, including its endpoint management and cybersecurity solutions, BlackBerry QNXÂ® software for the embedded market, technology licensing and professional consulting services. The Company focuses on strategic industries with vertical-specific use cases, including regulated enterprise markets such as financial services, government, healthcare, professional services and transportation, and other markets where embedded software and critical infrastructure are important, such as utilities, mining and manufacturing. Products and ServicesThe Company has a rich pedigree in innovation and has developed a range of products and services that assist customers in addressing their needs as their industries evolve, which are structured in three segments: Cybersecurity, IoT (collectively with Cybersecurity, â€œsoftware and servicesâ€) and Licensing. CybersecurityThe Cybersecurity business consists of BlackBerry unified endpoint management (â€œUEMâ€) solutions, CylanceÂ® cybersecurity, SecuSUITEÂ® and BlackBerryÂ® AtHocÂ®.The Companyâ€™s UEM offerings include BlackBerryÂ® UEM, BlackBerryÂ® Dynamicsâ„¢, BlackBerryÂ® Workspaces, and BlackBerry Messenger (BBMÂ®) Enterprise. BlackBerry UEM employs a containerized approach to manage and secure devices, third party and custom applications, identity, content and endpoints across all leading operating systems, as well as providing regulatory compliance tools. BlackBerry Dynamics offers a best-in-class development platform and secure container for mobile applications, including the Companyâ€™s own enterprise applications such as BlackBerryÂ® Work and BlackBerryÂ® Connect for secure collaboration. BlackBerry Workspaces is a secure Enterprise File Sync and Share (EFSS) solution. BBM Enterprise is an enterprise-grade secure instant messaging solution for messaging, voice and video.BlackBerryâ€™s Cylance cybersecurity solutions include: CylanceENDPOINTâ„¢, an integrated endpoint security solution that leverages the Cylance AI model and OneAlert EDR console, to prevent, detect and remediate cyber threats at the endpoint, including on mobile; CylanceMDRâ„¢, a managed detection and response solution that provides 24/7 threat hunting and monitoring, as well as integrated critical event management communications during a cyber incident; and CylanceEDGEâ„¢, an AI-powered continuous authentication zero trust network access solution that provides secure access to applications and data loss prevention. The Company also offers incident response, compromise assessment and containment services to assist clients with forensic analysis, state of existing systems and remediation of attacks. These solutions are designed to provide a continuous state of resilience for the Companyâ€™s customers and support the outcomes they require by: (i) complementing, extending, or fully managing security capabilities with the Companyâ€™s experts and extended technology ecosystem, (ii) enabling the workforce in a way that is fast, easy and satisfying, while providing security visibility, controls and peace of mind; and (iii) reducing complexity and overhead costs associated with security operations.BlackBerry SecuSUITE is a certified, multi-OS voice and text messaging solution with advanced encryption, anti-eavesdropping and continuous authentication capabilities, providing a maximum level of security on conventional mobile devices for government and businesses.BlackBerry AtHoc is a secure, networked critical event management solution that enables people, devices and organizations to exchange critical information in real time during business continuity and life safety operations. The platform securely connects with a diverse set of endpoints to distribute emergency mass notifications, improves personnel accountability and facilitates the bidirectional collection and sharing of data within and between organizations.29 IoTThe IoT business consists of BlackBerry QNX, BlackBerry RadarÂ®, BlackBerryÂ® CerticomÂ®, and BlackBerry IVYÂ®.BlackBerry QNX is a global provider of real-time operating systems, hypervisors, middleware, development tools, and professional services for connected embedded systems in the automotive, medical, industrial automation and other markets. A recognized leader in automotive software, BlackBerry QNX offers a growing portfolio of safety-certified, secure and reliable platform solutions and is focused on achieving design wins with automotive OEMs, Tier 1 vendors and automotive semiconductor suppliers. These solutions include the BlackBerry QNX real-time operating system, QNXÂ® Hypervisor for Safety and QNXÂ® Software Development Platform (SDP), as well as other products designed to alleviate the challenges of compliance with ISO 26262, the automotive industryâ€™s functional safety standard. The QNX pre-certified microkernel operating system is specifically tailored for safety-critical embedded systems and toolchains that are pre-qualified for building these systems. The QNX Hypervisor for Safety prevents safety systems from potential impact of malfunction in other systems. These products help drive a faster time to market and also reduce developer friction.BlackBerry QNX is also a preferred supplier of embedded systems for companies building medical devices, train-control systems, industrial robots, hardware security modules, building automation systems, green energy solutions, and other mission-critical applications. BlackBerry QNX collaborates closely with customers to understand their specific requirements and more quickly and effectively develop solutions to meet their evolving needs.BlackBerry Radar is a family of asset monitoring and telematics solutions for the transportation and logistics industry. The BlackBerry Radar solution includes devices and secure cloud-based dashboards for tracking containers, trailers, chassis, flatbeds and heavy machinery, for reporting locations and sensor data, and for enabling custom alerts and fleet management analytics.BlackBerry Certicom leverages patented elliptic curve cryptography to provide device security, anti-counterfeiting and product authentication solutions to protect vehicles, critical infrastructure and IoT deployments from product counterfeiting, re-manufacturing and unauthorized network access. BlackBerry IVY is an emerging intelligent vehicle data platform that allows automakers to safely access a vehicleâ€™s sensor data, normalize it, and apply machine learning at the edge to generate and share predictive insights and inferences. Automakers and developers can use this information to create responsive in-vehicle applications and services that enhance driver and passenger experiences.The BlackBerry Cybersecurity and IoT divisions are complemented by the enterprise and cybersecurity consulting services offered by the Companyâ€™s BlackBerryÂ® Professional Services business. BlackBerry Professional Services provides platform-agnostic strategies to address mobility-based challenges, providing expert deployment support, end-to-end delivery (from system design to user training), application consulting, and experienced project management. The Companyâ€™s cybersecurity consulting services and tools, combined with its other security solutions, help customers identify the latest cybersecurity threats, test for vulnerabilities, develop risk-appropriate mitigations, maintain IT security standards and techniques, and defend against the risk of future attacks.LicensingLicensing consists primarily of the Companyâ€™s patent licensing business.The Companyâ€™s Licensing business is responsible for the management and monetization of the Companyâ€™s global patent portfolio. The patent portfolio continues to provide a competitive advantage in the Companyâ€™s core product areas as well as providing leverage in the development of future technologies and licensing programs in both core and adjacent vertical markets. The Company owns rights to an array of patented and patent pending technologies which include, but are not limited to, operating systems, networking infrastructure, acoustics, messaging, enterprise software, automotive subsystems, cybersecurity, cryptography and wireless communications. Recent Developments The Company has continued to execute on its strategy in fiscal 2025 and announced the following significant achievements during and subsequent to the most recent quarter:Products and Innovation:â€¢Announced that BlackBerry QNX added QNXÂ® Containers to support operating system (OS) virtualization and containerization on QNX-based devices;â€¢Launched CylanceMDRâ„¢ Pro, a cutting-edge managed detection and response (MDR) service built on an Open XDR platform powered by predictive AI; andâ€¢Announced that CylanceENDPOINTâ„¢, was named a 2024 Customersâ€™ Choice for endpoint protection platforms (EPP) by GartnerÂ® Peer Insightsâ„¢.30 Customers and Partners:â€¢Announced a partnership between ETAS and BlackBerry QNX to jointly sell and market software solutions to provide the safe and secure foundation for software-defined vehicles; andâ€¢Announced a collaboration with AMD to advance foundational precision and control for the robotics industry by enabling new levels of low latency and jitter, and repeatable determinism.Environmental, Sustainability and Corporate Governance:â€¢Appointed Tim Foote as Chief Financial Officer. Mr. Foote has served as the Chief Financial Officer of the Companyâ€™s Cybersecurity division since February 2024 and as the Companyâ€™s Vice President of Investor Relations since July 2020. He joined the Company in 2015 in connection with its acquisition of Good Technology and has more than 20 years of experience in financial leadership positions. Business SeparationIn the third quarter of fiscal year 2024, the Company began a separation of its IoT and Cybersecurity businesses into two virtually autonomous business units, including the separation and streamlining of many of the Companyâ€™s centralized corporate functions into business-unit specific teams. The intent of this process has been to enhance the operational focus and flexibility for each business, drive improved profitability and cash flow generation, and increase optionality for the Company to optimize shareholder value. The Company believes that this objective has been substantially realized, with a reduction in operating expenses of approximately $130 million achieved since the beginning of the separation process, and that each business has now been established as a virtually independent division. The Company expects that further steps in the process will focus on continued cost management and improvement in both profitability and cash flow generation.Second Quarter Fiscal 2025 Summary Results of OperationsThe following table sets forth certain consolidated statements of operations data for the quarter ended August 31, 2024 compared to the quarter ended August 31, 2023 under U.S. GAAP:Â For the Three Months Ended(in millions, except for share and per share amounts)Â August 31, 2024August 31, 2023ChangeRevenue $145Â $132Â $13Â Gross margin94Â 85Â 9Â Operating expenses115Â 132Â (17)Investment income, net3Â 7Â (4)Loss before income taxes(18)(40)22Â Provision for income taxes1Â 2Â (1)Net loss(19)(42)$23Â Loss per share - reportedBasic (0.03)(0.07)Diluted(0.03)(0.07)Weighted-average number of shares outstanding (000â€™s)Basic590,549Â 583,524Â Diluted (1)590,549Â 583,524Â ______________________________(1)Diluted loss per share on a U.S. GAAP basis for the second quarter of fiscal 2025 and the second quarter of fiscal 2024 does not include the dilutive effect of the Debentures (as defined in â€œFinancial Condition - Debt Financing and Other Funding Sourcesâ€), as to do so would be anti-dilutive. Diluted loss per share on a U.S. GAAP basis for the second quarter of fiscal 2025 and the second quarter of fiscal 2024 does not include the dilutive effect of stock-based compensation as to do so would be anti-dilutive. See Note 7 to the Consolidated Financial Statements for the Companyâ€™s calculation of the diluted weighted average number of shares outstanding.31 The following tables show information by operating segment for the three and six months ended August 31, 2024 and August 31, 2023. The Company reports segment information in accordance with U.S. GAAP Accounting Standards Codification Section 280 based on the â€œmanagementâ€ approach. The management approach designates the internal reporting used by the Chief Operating Decision Maker for making decisions and assessing performance of the Companyâ€™s reportable operating segments. See Note 10 to the Consolidated Financial Statements for a description of the Companyâ€™s operating segments.Â For the Three Months Ended(in millions)CybersecurityIoTLicensingSegment TotalsAugust 31,ChangeAugust 31,ChangeAugust 31,ChangeAugust 31,Change20242023202420232024202320242023Segment revenue$87Â $79Â $8Â $55Â $49Â $6Â $3Â $4Â (1)145Â $132Â $13Â Segment cost of sales39Â 36Â 3Â 10Â 8Â 2Â 1Â 2Â (1)50Â 46Â 4Â Segment gross margin$48Â $43Â $5Â $45Â $41Â $4Â $2Â $2Â $â€”Â $95Â $86Â $9Â For the Six Months EndedÂ (in millions)CybersecurityIoTLicensingSegment TotalsAugust 31,ChangeAugust 31,ChangeAugust 31,ChangeAugust 31,Change20242023202420232024202320242023Segment revenue$172$172$â€”$108$94$14$9$239(230)289$505$(216)Segment cost of sales74731201733149(146)97239(142)Segment gross margin$98$99(1)88$77$11$6$90(84)192$266$(74)The following tables reconcile the Companyâ€™s segment results for the three and six months ended August 31, 2024 to consolidated U.S. GAAP results:Â For the Three Months Ended August 31, 2024(in millions)CybersecurityIoTLicensingSegment TotalsReconciling ItemsConsolidated U.S. GAAPRevenue$87Â $55Â $3Â $145Â $â€”Â $145Â Cost of sales 39Â 10Â 1Â 50Â 1Â 51Â Gross margin (1)$48Â $45Â $2Â $95Â (1)94Â Operating expenses115Â 115Â Investment income, net3Â 3Â Loss before income taxes$(18)For the Six Months Ended August 31, 2024(in millions)CybersecurityIoTLicensingSegment TotalsReconciling ItemsConsolidated U.S. GAAPRevenue$172Â $108Â $9Â $289Â $â€”Â $289Â Cost of sales 74Â 20Â 3Â 97Â 2Â 99Â Gross margin (1)$98Â $88Â $6Â $192Â (2)190Â Operating expenses250Â 250Â Investment income, net8Â 8Â Loss before income taxes$(52)______________________________(1) See â€œNon-GAAP Financial Measuresâ€ for a reconciliation of selected U.S. GAAP-based measures to adjusted measures for the three and six months ended August 31, 2024.32 The following tables reconcile the Companyâ€™s segment results for the three and six months ended August 31, 2023 to consolidated U.S. GAAP results:Â For the Three Months Ended August 31, 2023(in millions)CybersecurityIoTLicensingSegment TotalsReconciling ItemsConsolidated U.S. GAAPRevenue$79Â $49Â $4Â $132Â $â€”Â $132Â Cost of sales 36Â 8Â 2Â 46Â 1Â 47Â Gross margin (1)$43Â $41Â $2Â $86Â (1)85Â Operating expenses132Â 132Â Investment income, net7Â 7Â Loss before income taxes$(40)For the Six Months Ended August 31, 2023(in millions)CybersecurityIoTLicensingSegment TotalsReconciling ItemsConsolidated U.S. GAAPRevenue$172Â $94Â $239Â $505Â $â€”Â $505Â Cost of sales73Â 17Â 149Â 239Â 2Â 241Â Gross margin (1)$99Â $77Â $90Â $266Â (2)264Â Operating expenses322Â 322Â Investment income, net10Â 10Â Loss before income taxes$(48)______________________________(1) See â€œNon-GAAP Financial Measuresâ€ for a reconciliation of selected U.S. GAAP-based measures to adjusted measures for the three and six months ended August 31, 2023.Financial Highlights The Company had $265 million in cash, cash equivalents and investments as of August 31, 2024 (February 29, 2024 - $298 million).In the second quarter of fiscal 2025, the Company recognized revenue of $145 million and incurred a net loss of $19 million, or $0.03 basic and diluted loss per share, on a U.S. GAAP basis (second quarter of fiscal 2024 - revenue of $132 million and net loss of $42 million, or $0.07 basic and diluted loss per share).The Company recognized an adjusted net loss of $2 million, and an adjusted loss of $0.00 per share, on a non-GAAP basis in the second quarter of fiscal 2025 (second quarter of fiscal 2024 - adjusted net loss of $23 million, and adjusted earnings of $0.04 per share). See â€œNon-GAAP Financial Measuresâ€ below.Non-GAAP Financial MeasuresThe Consolidated Financial Statements have been prepared in accordance with U.S. GAAP, and information contained in this MD&A is presented on that basis. On SeptemberÂ 26, 2024, the Company announced financial results for the three and six months ended August 31, 2024, which included certain non-GAAP financial measures and non-GAAP ratios, including adjusted gross margin, adjusted gross margin percentage, adjusted operating expense, adjusted net income (loss), adjusted earnings (loss) per share, adjusted research and development expense, adjusted sales and marketing expense, adjusted general and administrative expense, adjusted amortization expense, adjusted operating income (loss), adjusted EBITDA, adjusted operating income (loss) margin percentage, adjusted EBITDA margin percentage and free cash flow (usage).In the Companyâ€™s internal reports, management evaluates the performance of the Companyâ€™s business on a non-GAAP basis by excluding the impact of certain items below from the Companyâ€™s U.S. GAAP financial results. The Company believes that these non-GAAP financial measures and non-GAAP ratios provide management, as well as readers of the Companyâ€™s financial statements, with a consistent basis for comparison across accounting periods and are useful in helping management and readers understand the Companyâ€™s operating results and underlying operational trends. Non-GAAP financial measures and non-GAAP ratios exclude certain amounts as described below: 33 â€¢Debentures fair value adjustment. The Company elected to measure the 2020 Debentures (as defined in â€œFinancial Condition - Debt Financing and Other Funding Sourcesâ€) at fair value in accordance with the fair value option under U.S. GAAP. Each period, the fair value of the 2020 Debentures was recalculated and the resulting non-cash income and charges from the change in fair value from non-credit components of the 2020 Debentures were recognized in income. The amount varied each period depending on changes to the Companyâ€™s share price, share price volatility and credit indices. This was not indicative of the Companyâ€™s core operating performance, and may not be meaningful when comparing the Companyâ€™s operating performance against that of prior periods.â€¢Restructuring charges. The Company believes that restructuring costs relating to employee termination benefits, facilities, streamlining many of the Companyâ€™s centralized corporate functions into Cybersecurity and IoT specific teams and other costs pursuant to the programs to reduce its annual expenses amongst R&D, infrastructure and other functions do not reflect expected future operating expenses, are not indicative of the Companyâ€™s core operating performance, and may not be meaningful when comparing the Companyâ€™s operating performance against that of prior periodsâ€¢Stock compensation expenses. Equity compensation is a non-cash expense and does not impact the ongoing operating decisions taken by the Companyâ€™s management. â€¢Amortization of acquired intangible assets. When the Company acquires intangible assets through business combinations, the assets are recorded as part of purchase accounting and contribute to revenue generation. Such acquired intangible assets depreciate over time and the related amortization will recur in future periods until the assets have been fully amortized. This is not indicative of the Companyâ€™s core operating performance, and may not be meaningful when comparing the Companyâ€™s operating performance against that of prior periods.â€¢Long-lived asset impairment charge. The Company believes that long-lived asset impairment charges do not reflect expected future operating expenses, are not indicative of the Companyâ€™s core operating performance, and may not be meaningful when comparing the Companyâ€™s operating performance against that of prior periods.On a U.S. GAAP basis, the impacts of these items are reflected in the Companyâ€™s income statement. However, the Company believes that the provision of supplemental non-GAAP measures allows investors to evaluate the financial performance of the Companyâ€™s business using the same evaluation measures that management uses, and is therefore a useful indication of the Companyâ€™s performance or expected performance of future operations and facilitates period-to-period comparison of operating performance. As a result, the Company considers it appropriate and reasonable to provide, in addition to U.S. GAAP measures, supplementary non-GAAP financial measures that exclude certain items from the presentation of its financial results. Reconciliation of non-GAAP based measures with most directly comparable U.S. GAAP based measures for the three months ended August 31, 2024 and August 31, 2023Readers are cautioned that adjusted gross margin, adjusted gross margin percentage, adjusted operating expense, adjusted net income (loss), adjusted earnings (loss) per share, adjusted research and development expense, adjusted sales and marketing expense, adjusted general and administrative expense, adjusted amortization expense, adjusted operating income (loss), adjusted EBITDA, adjusted operating income (loss) margin percentage, adjusted EBITDA margin percentage and free cash flow (usage) and similar measures do not have any standardized meaning prescribed by U.S. GAAP and are therefore unlikely to be comparable to similarly titled measures reported by other companies. These non-GAAP financial measures should be considered in the context of the U.S. GAAP results, which are described in this MD&A and presented in the Consolidated Financial Statements.A reconciliation of the most directly comparable U.S. GAAP financial measures for the three months ended August 31, 2024 and August 31, 2023 to adjusted financial measures is reflected in the table below:For the Three Months Ended (in millions)August 31, 2024August 31, 2023Gross margin$94Â $85Â Stock compensation expense1Â 1Â Adjusted gross margin$95Â $86Â Gross margin % 64.8Â %64.4Â %Stock compensation expense0.7Â %0.8Â %Adjusted gross margin % 65.5Â %65.2Â %34 Reconciliation of U.S. GAAP operating expense for the three months ended August 31, 2024, May 31, 2024 and August 31, 2023 to adjusted operating expense is reflected in the table below:For the Three Months Ended (in millions)August 31, 2024May 31, 2024August 31, 2023Operating expense$115Â $135Â $132Â Restructuring charges1Â 8Â 3Â Stock compensation expense6Â 710Â Debentures fair value adjustmentâ€”Â â€”Â (6)Acquired intangibles amortization9Â 8Â 10Â LLA impairment chargeâ€”Â 3Â 1Â Adjusted operating expense$99Â $109Â $114Â Reconciliation of U.S. GAAP net loss and U.S. GAAP basic loss per share for the three months ended August 31, 2024 and August 31, 2023 to adjusted net loss and adjusted basic loss per share is reflected in the table below:For the Three Months Ended (in millions, except per share amounts)August 31, 2024August 31, 2023Basic lossper shareBasic lossper shareNet loss(19)(0.03)(42)(0.07)Restructuring charges1Â 3Â Stock compensation expense7Â 11Â Debentures fair value adjustmentâ€”Â (6)Acquired intangibles amortization9Â 10Â LLA impairment chargeâ€”Â 1Â Adjusted net loss(2)0.00(23)(0.04)Reconciliation of U.S. GAAP research and development, sales and marketing, general and administrative, and amortization expense for the three months ended August 31, 2024 and August 31, 2023 to adjusted research and development, sales and marketing, general and administrative, and amortization expense is reflected in the table below:For the Three Months Ended (in millions)August 31, 2024August 31, 2023Research and development$37Â $50Â Stock compensation expense2Â 2Â Adjusted research and development expense$35Â $48Â Sales and marketing$34Â $43Â Stock compensation expense1Â 3Â Adjusted sales and marketing expense$33Â $40Â General and administrative$33Â $30Â Restructuring charges1Â 3Â Stock compensation expense3Â 5Â Adjusted general and administrative expense$29Â $22Â Amortization$11Â $14Â Acquired intangibles amortization9Â 10Â Adjusted amortization expense$2Â $4Â 35 Adjusted operating loss, adjusted EBITDA, adjusted operating loss margin percentage and adjusted EBITDA margin percentage for the three months ended August 31, 2024 and August 31, 2023 are reflected in the table below. These are non-GAAP financial measures and non-GAAP ratios that do not have any standardized meaning as prescribed by U.S. GAAP and are therefore unlikely to be comparable to similar measures presented by other companies.For the Three Months Ended (in millions)August 31, 2024August 31, 2023Operating loss(21)(47)Non-GAAP adjustments to operating lossRestructuring

charges1Â 3Â Stock compensation expense7Â 11Â Debentures fair value adjustmentâ€”Â (6)Acquired intangibles amortization9Â 10Â LLA impairment chargeâ€”Â 1Â Total non-GAAP adjustments to operating loss17Â 19Â Adjusted operating loss(4)(28)Amortization13Â 16Â Acquired intangibles amortization(9)(10)Adjusted EBITDA$â€”Â $(22)Revenue$145Â $132Â Adjusted operating loss margin % (1)(3%)(21%)Adjusted EBITDA margin % (2)â€”%(17%)______________________________(1) Adjusted operating loss margin % is calculated by dividing adjusted operating loss by revenue(2) Adjusted EBITDA margin % is calculated by dividing adjusted EBITDA by revenue36 Reconciliation of non-GAAP based measures with most directly comparable U.S. GAAP based measures for the six months ended August 31, 2024 and August 31, 2023.A reconciliation of the most directly comparable U.S. GAAP financial measures for the six months ended August 31, 2024 and August 31, 2023 to adjusted financial measures is reflected in the table below:For the Six Months Ended (in millions)August 31, 2024August 31, 2023Gross margin$190Â $264Â Stock compensation expense2Â 2Â Adjusted gross margin$192Â $266Â Gross margin % 65.7Â %52.3Â %Stock compensation expense0.7Â %0.4Â %Adjusted gross margin % 66.4Â %52.7Â %Reconciliation of U.S. GAAP operating expense for the six months ended August 31, 2024 and August 31, 2023 to adjusted operating expense is reflected in the table below:For the Six Months Ended (in millions)August 31, 2024August 31, 2023Operating expense$250Â $322Â Restructuring charges 9Â 8Â Stock compensation expense13Â 18Â Debentures fair value adjustment â€”Â 16Â Acquired intangibles amortization17Â 20Â LLA impairment charge3Â 1Â Adjusted operating expense$208Â $259Â Reconciliation of U.S. GAAP net loss and U.S. GAAP basic loss per share for the six months ended August 31, 2024 and August 31, 2023 to the adjusted net income (loss) and adjusted basic earnings (loss) per share is reflected in the table below:For the Six Months Ended (in millions, except per share amounts)August 31, 2024August 31, 2023Basic loss per shareBasic earnings (loss) per shareNet loss(61)(0.10)(53)(0.09)Restructuring charges 9Â 8Â Stock compensation expense15Â 20Â Debentures fair value adjustmentâ€”Â 16Â Acquired intangibles amortization17Â 20Â LLA impairment charge3Â 1Â Adjusted net income (loss)(17)(0.03)$12Â $0.0237 Reconciliation of U.S. GAAP research and development, sales and marketing, general and administrative, and amortization expense for the six months ended August 31, 2024 and August 31, 2023 to adjusted research and development, sales and marketing, general and administrative, and amortization expense is reflected in the table below:For the Six Months Ended (in millions)August 31, 2024August 31, 2023Research and development$79Â $104Â Stock compensation expense4Â 4Â Adjusted research and development expense$75Â $100Â Sales and marketing$72Â $88Â Stock compensation expense3Â 4Â Adjusted sales and marketing expense$69Â $84Â General and administrative$73Â $84Â Restructuring charges9Â 8Â Stock compensation expense6Â 10Â Adjusted general and administrative expense$58Â $66Â Amortization$23Â $29Â Acquired intangibles amortization17Â 20Â Adjusted amortization expense$6Â $9Â Adjusted operating income (loss), adjusted EBITDA, adjusted operating income (loss) margin percentage and adjusted EBITDA margin percentage for the six months ended August 31, 2024 and August 31, 2023 are reflected in the table below. These are non-GAAP financial measures and non-GAAP ratios that do not have any standardized meaning as prescribed by U.S. GAAP and are therefore unlikely to be comparable to similar measures presented by other companies.For the Six Months Ended (in millions)August 31, 2024August 31, 2023Operating loss(60)(58)Non-GAAP adjustments to operating lossRestructuring charges9Â 8Â Stock compensation expense15Â 20Â Debentures fair value adjustmentâ€”Â 16Â Acquired intangibles amortization17Â 20Â LLA impairment charge3Â 1Â Total non-GAAP adjustments to operating loss44Â 65Â Adjusted operating income (loss)(16)7Â Amortization26Â 32Â Acquired intangibles amortization(17)(20)Adjusted EBITDA(7)19Â Revenue$289Â $505Â Adjusted operating income (loss) margin % (1)(6Â %)1Â %Adjusted EBITDA margin % (2)(2Â %)4Â %______________________________(1) Adjusted operating income (loss) margin % is calculated by dividing adjusted operating income (loss) by revenue.(2) Adjusted EBITDA margin % is calculated by dividing adjusted EBITDA by revenue.38 The Company uses free cash flow (usage) when assessing its sources of liquidity, capital resources, and quality of earnings. The Company believes that free cash flow (usage) is helpful in understanding the Companyâ€™s capital requirements and provides an additional means to reflect the cash flow trends in the Companyâ€™s business. Reconciliation of U.S. GAAP net cash used in operating activities for the three months ended August 31, 2024 and August 31, 2023 to free cash flow (usage) is reflected in the table below:For the Three Months Ended (in millions)August 31, 2024August 31, 2023Net cash provided by (used in) operating activities(13)(56)Acquisition of property, plant and equipment(2)(1)Free cash flow (usage)(15)(57)Key MetricsThe Company regularly monitors a number of financial and operating metrics, including the following key metrics, in order to measure the Companyâ€™s current performance and estimated future performance. Readers are cautioned that annual recurring revenue (â€œARRâ€), dollar-based net retention rate (â€œDBNRRâ€), and recurring revenue percentage do not have any standardized meaning and are unlikely to be comparable to similarly titled measures reported by other companies.Comparative breakdowns of certain key metrics for the three months ended or as at August 31, 2024 and August 31, 2023 are set forth below. For the Three Months Ended (in millions)August 31, 2024August 31, 2023ChangeCybersecurity Annual Recurring Revenue$279Â $279Â $â€”Â Cybersecurity Dollar-Based Net Retention Rate88Â %81Â %7Â %Recurring Software Product Revenue Percentage~ 80 %~ 90 %10Â %Cybersecurity Annual Recurring Revenue The Company defines ARR as the annualized value of all subscription, term, maintenance, services, and royalty contracts that generate recurring revenue as of the end of the reporting period. The Company uses ARR as an indicator of business momentum for the Cybersecurity business.Cybersecurity ARR was approximately $279Â million as at August 31, 2024 and decreased compared to $285Â million as at May 31, 2024 and was consistent with $279 million as at August 31, 2023. Cybersecurity Dollar-Based Net Retention Rate The Company calculates the Cybersecurity DBNRR as of period end by first calculating the Cybersecurity ARR from the customer base as at 12 months prior to the current period end (â€œPrior Period ARRâ€). The Company then calculates the Cybersecurity ARR for the same cohort of customers as at the current period end (â€œCurrent Period ARRâ€). The Company then divides the Current Period ARR by the Prior Period ARR to calculate the DBNRR. Cybersecurity DBNRR was 88% as at August 31, 2024 and increased compared to 87% as at May 31, 2024 and increased compared to 81% as at August 31, 2023. Recurring Software Product Revenue PercentageThe Company defines recurring software product revenue percentage as recurring software product revenue divided by total software and services revenue. Recurring software product revenue is comprised of subscription and term licenses, maintenance arrangements, royalty arrangements and perpetual licenses recognized ratably under ASC 606. Total software and services revenue is comprised of recurring product revenue, non-recurring product revenue and professional services. The Company uses recurring software product revenue percentage to provide visibility into the revenue expected to be recognized in the current and future periods. Total software and services product revenue, excluding professional services, was approximately 80% recurring for the three months ended August 31, 2024 and was consistent with approximately 80% recurring for the three months ended May 31, 2024 and decreased from approximately 90% for the three months ended August 31, 2023 due to product mix. 39 Results of Operations - Three months ended August 31, 2024 compared to the three months ended August 31, 2023 RevenueRevenue by SegmentComparative breakdowns of revenue by segment are set forth below.Â For the Three Months Ended(in millions)August 31, 2024August 31, 2023ChangeRevenue by SegmentCybersecurity$87Â $79Â $8Â IoT55Â 49Â 6Â Licensing3Â 4Â (1)$145Â $132Â $13Â % Revenue by SegmentCybersecurity60.0Â %59.9Â %IoT37.9Â %37.1Â %Licensing2.1Â %3.0Â %100.0Â %100.0Â %CybersecurityThe increase in Cybersecurity revenue of $8 million was primarily due to an increase of $8 million relating to product revenue in Secusmart, an increase of $2 million in professional services and an increase of $2 million in BlackBerry AtHoc, partially offset by a decrease of $5 million in Cylance cybersecurity solutions.The Company previously stated that it expected Cybersecurity revenue in the second quarter of fiscal 2025 to be in the range of $82 million to $86 million. Cybersecurity revenue was $87 million due to strong product revenue in Secusmart.The Company expects Cybersecurity revenue to be in the range of $86 million to $90 million in the third quarter of fiscal 2025.IoTThe increase in IoT revenue of $6 million was primarily due to an increase of $8 million in BlackBerry QNX royalty revenue and an increase of $1 million in BlackBerry Radar, partially offset by a decrease of $2 million in BlackBerry QNX development seat revenue.The Company previously stated that it expected IoT revenue to be in the range of $50 million to $54 million in the second quarter of fiscal 2025. IoT revenue was $55 million due to strong BlackBerry QNX royalty revenue.The Company expects IoT revenue to be in the range of $56 million to $60 million in the third quarter of fiscal 2025. The Company previously stated that it expected IoT revenue to be in the range of $220 million to $235 million in fiscal 2025. The Company now expects IoT revenue to be in the range of $225 million to $235 million in fiscal 2025 due to strong BlackBerry QNX revenue in the first half of fiscal 2025. 40 LicensingThe decrease in Licensing revenue was $1 million.The Company previously stated that it expected revenue from intellectual property licensing to be approximately $4 million in each of the four quarters of fiscal 2025. Intellectual property licensing revenue was $3 million in the second quarter of fiscal 2025.Total BlackBerry RevenueThe Company previously stated that it expected total BlackBerry revenue to be in the range of $136 million to $144 million in the second quarter of fiscal 2025. Total Company revenue was $145 million in the second quarter of fiscal 2025 due to strong product revenue in Secusmart and BlackBerry QNX royalty revenue.The Company expects total BlackBerry revenue to be in the range of $146 million to $154 million in the third quarter of fiscal 2025. The Company expects total BlackBerry revenue to increase sequentially in the third and fourth quarters of fiscal 2025.The Company previously stated that it expected total BlackBerry revenue to be in the range of $586 million to $616 million in fiscal 2025. The Company now expects IoT revenue to be in the range of $591 million to $616 million in fiscal 2025 due to strong revenue in the first half of fiscal 2025. Revenue by Geography Comparative breakdowns of the geographic regions are set forth in the following table:Â For the Three Months Ended(in millions)Â August 31, 2024August 31, 2023ChangeRevenue by GeographyNorth America$69Â $72Â $(3)Europe, Middle East and Africa47Â 39Â 8Â Other regions29Â 21Â 8Â $145Â $132Â $13Â % Revenue by GeographyNorth America47.6Â %54.5Â %Europe, Middle East and Africa32.4Â %29.6Â %Other regions20.0Â %15.9Â %100.0Â %100.0Â %North America RevenueThe decrease in North America revenue of $3 million was primarily due to a decrease of $3 million in BlackBerry QNX development seat revenue, a decrease of $2 million in Cylance cybersecurity solutions and a decrease of $2 million in professional services, partially offset by an increase of $4 million in BlackBerry QNX royalty revenue.Europe, Middle East and Africa RevenueThe increase in Europe, Middle East and Africa revenue of $8 million was primarily due to an increase of $8 million relating to product revenue in Secusmart and an increase of $2 million in BlackBerry QNX royalty revenue, partially offset by a decrease of $1 million in Cylance cybersecurity solutions.Other Regions RevenueThe increase in Other regions revenue of $8 million was primarily due to an increase of $4 million in professional services, an increase of $2 million relating to BlackBerry QNX royalty revenue and an increase of $1 million in BlackBerry QNX development seat revenue. Gross MarginConsolidated Gross Margin Consolidated gross margin increased by $9 million to approximately $94 million in the second quarter of fiscal 2025 (second quarter of fiscal 2024 - $85 million). The increase was primarily due to an increase in revenue from Cybersecurity and 41 BlackBerry QNX due to the reasons discussed above in â€œRevenue by Segmentâ€, as the cost of sales for most software and services products does not significantly fluctuate based on business volume, and a decrease of $3 million in infrastructure costs.Consolidated Gross Margin Percentage Consolidated gross margin percentage increased by 0.4% to approximately 64.8% of consolidated revenue in the second quarter of fiscal 2025 (second quarter of fiscal 2024 - 64.4%). The increase was primarily due to the reasons discussed below in â€œGross Margin by Segmentâ€.Gross Margin by SegmentSee â€œSecond Quarter Fiscal 2025 Summary Results of Operationsâ€ for information about the Companyâ€™s operating segments and the basis of operating segment results.Â For the Three Months Ended(in millions)CybersecurityIoTLicensingSegment TotalsAugust 31,ChangeAugust 31,ChangeAugust 31,ChangeAugust 31,Change20242023202420232024202320242023Segment revenue$87$79$8$55$49$6$3$4(1)145$132$13Segment cost of sales39363108212(1)50464Segment gross margin$48$43$5$45$41$4$2$2$â€”$95$86$9Segment gross margin %55Â %54Â %1Â %82Â %84Â %(2)%67Â %50Â %17Â %66Â %65Â %1Â %CybersecurityThe increase in Cybersecurity gross margin of $5 million was primarily due to the reasons discussed above in â€œRevenue by Segmentâ€ and a decrease of $3 million in infrastructure costs.The increase in Cybersecurity gross margin percentage of 1% was due to the same reasons discussed above.IoTThe increase in IoT gross margin of $4 million was primarily due to the reasons discussed above in â€œRevenue by Segmentâ€, partially offset by an increase in cost of sales related to professional services. The decrease in IoT gross margin percentage of 2% was due to an increase in cost of sales related to professional services. LicensingLicensing gross margin of $2 million was consistent with the second quarter of fiscal 2024.The increase in Licensing gross margin percentage was 17%. 42 Operating ExpensesThe table below presents a comparison of research and development, sales and marketing, general and administrative, and amortization expenses for the quarter ended August 31, 2024, compared to the quarter ended May 31, 2024 and the quarter ended August 31, 2023. The Company believes it is meaningful to provide a sequential comparison between the second quarter of fiscal 2025 and the first quarter of fiscal 2025.For the Three Months Ended(in millions)Â August 31, 2024May 31, 2024August 31, 2023Revenue$145Â $144Â $132Â Operating expensesResearch and development37Â 42Â 50Â Sales and marketing34Â 38Â 43Â General and administrative33Â 40Â 30Â Amortization11Â 12Â 14Â Impairment of long-lived assetsâ€”Â 3Â 1Â Debentures fair value adjustmentâ€”Â â€”Â (6)Total$115Â $135Â $132Â Operating Expenses as % of RevenueResearch and development25.5Â %29.2Â %37.9Â %Sales and marketing23.4Â %26.4Â %32.6Â %General and administrative22.8Â %27.8Â %22.7Â %Amortization7.6Â %8.3Â %10.6Â %Impairment of long-lived assetsâ€”Â %2.1Â %0.8Â %Debentures fair value adjustmentâ€”Â %â€”Â %(4.5Â %)Total79.3Â %93.8Â %100.0Â %See â€œNon-GAAP Financial Measuresâ€ for a reconciliation of selected U.S. GAAP-based measures to adjusted measures for the three months ended August 31, 2024, May 31, 2024 and August 31, 2023.U.S. GAAP

Operating ExpensesOperating expenses decreased by $20 million sequentially, or 14.8%, in the second quarter of fiscal 2025, compared to the first quarter of fiscal 2025 primarily due to a decrease of $9 million in restructuring costs, a decrease of $6 million in salaries and benefits expenses and a decrease of $2 million in marketing and advertising costs.Operating expenses decreased by $17 million year-over-year, or 12.9%, in the second quarter of fiscal 2025, compared to the second quarter of fiscal 2024 primarily due to a decrease of $20 million in salaries and benefits expenses, a decrease of $4 million in stock compensation costs, a decrease of $3 million in amortization expense, a decrease of $3 million in consulting expenses and a decrease of $3 million in legal expense, partially offset by a benefit of $17 million related to the release of an accrued liability relating to the Companyâ€™s legacy mobile device business in the second quarter of fiscal 2024, which did not recur, and the fair value adjustment related to the 2020 Debentures incurred in the second quarter of fiscal 2024 of $6 million, which did not recur. Adjusted Operating ExpensesAdjusted operating expenses decreased by $10 million sequentially, or 9.2%, to $99 million in the second quarter of fiscal 2025 compared to $109 million in the first quarter of fiscal 2025. The decrease was primarily due to a decrease of $6 million in salaries and benefits expenses and a decrease of $2 million in marketing and advertising costs.Adjusted operating expenses decreased by $15 million year-over-year, or 13.2%, to $99 million in the second quarter of fiscal 2025, compared to $114 million in the second quarter of fiscal 2024. The decrease was primarily due to a decrease of $20 million in salaries and benefits expenses, a decrease of $4 million in consulting expenses, a decrease of $3 million in legal expense and a decrease of $2 million in marketing and advertising costs, partially offset by a benefit of $17 million related to the release of an accrued liability relating to the Companyâ€™s legacy mobile device business in the second quarter of fiscal 2024, which did not recur.43 The Company previously stated that it expected its average quarterly non-GAAP operating expense run rate to be approximately $110 million in fiscal 2025. Non-GAAP operating expense was $99 million in the second quarter of fiscal 2025 and an average of $104 million per quarter in the first half of fiscal 2025.Research and Development ExpensesResearch and development expenses consist primarily of salaries and benefits costs for technical personnel, new product development costs, travel expenses, office and building costs, infrastructure costs and other employee costs.Research and development expenses decreased by $13 million, or 26.0%, in the second quarter of fiscal 2025 compared to the second quarter of fiscal 2024 primarily due to a decrease of $9 million in salaries and benefits expense and a decrease of $2 million in consulting expenses.Adjusted research and development expenses decreased by $13 million, or 27.1%, to $35 million in the second quarter of fiscal 2025, compared to $48Â million in the second quarter of fiscal 2024. The decrease was primarily due to the same reasons described above on a U.S. GAAP basis.Sales and Marketing ExpensesSales and marketing expenses consist primarily of marketing, advertising and promotion, salaries and benefits, information technology costs and travel expenses.Sales and marketing expenses decreased by $9 million, or 20.9%, in the second quarter of fiscal 2025 compared to the second quarter of fiscal 2024, primarily due to a decrease of $5 million in salaries and benefits expense, a decrease of $2 million in marketing and advertising costs and a decrease of $1 million in sales incentive plan costs.Adjusted sales and marketing expenses decreased by $7 million, or 17.5%, to $33 million in the second quarter of fiscal 2025 compared to $40 million in the second quarter of fiscal 2024. The decrease was primarily due to the same reasons described above on a U.S. GAAP basis.General and Administrative Expenses General and administration expenses consist primarily of salaries and benefits, external advisory fees, information technology costs, office and related staffing infrastructure costs.General and administrative expenses increased by $3 million, or 10.0%, in the second quarter of fiscal 2025 compared to the second quarter of fiscal 2024. The increase was primarily due to a benefit of $17 million in the second quarter of fiscal 2024 related to the release of an accrued liability relating to the Companyâ€™s legacy mobile device business which did not recur, partially offset by a decrease of $5 million in salaries and benefits expense, a decrease of $3 million in legal expense, a decrease of $2 million in stock compensation expense and a decrease of $2 million in lease expense.Adjusted general and administrative expenses increased by $7 million, or 31.8%, to $29 million in the second quarter of fiscal 2025 compared to $22 million in the second quarter of fiscal 2024. The increase was primarily due to a benefit of $17 million in the second quarter of fiscal 2024 related to the release of an accrued liability relating to the Companyâ€™s legacy mobile device business which did not recur, partially offset by a decrease of $5 million in salaries and benefits expense, a decrease of $3 million in legal expense and a decrease of $2 million in lease expense.Amortization ExpenseThe table below presents a comparison of amortization expense relating to property, plant and equipment and intangible assets recorded as amortization or cost of sales for the quarter ended August 31, 2024 compared to the quarter ended August 31, 2023. Intangible assets are comprised of patents, licenses and acquired technology.Â For the Three Months Ended(in millions)Â Included in Operating ExpenseÂ August 31, 2024August 31, 2023ChangeProperty, plant and equipment$1Â $1Â $â€”Â Intangible assets10Â 13Â (3)Total$11Â $14Â $(3)Included in Cost of SalesAugust 31, 2024August 31, 2023ChangeIntangible assets$2Â $â€”Â $2Â 44 Amortization included in Operating ExpenseThe decrease in amortization expense included in operating expense of $3 million was primarily due to the lower cost base of acquired technology assets.Adjusted amortization expense decreased by $2 million to $2 million in the second quarter of fiscal 2025 compared to $4 million in the second quarter of fiscal 2024 was primarily due to the lower cost base of assets.Amortization included in Cost of SalesAmortization expense relating to certain property, plant and equipment and certain intangible assets employed in the Companyâ€™s service operations was $2 million in the second quarter of fiscal 2025 compared to nil in the second quarter of fiscal 2024 due to an increase in patent amortization expense included in cost of sales.Investment Income, Net Investment income, net, which includes the interest expense from the Notes and the 2020 Debentures (as defined in â€œFinancial Condition - Debt Financing and Other Funding Sourcesâ€), was $3 million in the second quarter of fiscal 2025 and decreased by $4 million from investment income, net of $7 million in the second quarter of fiscal 2024 primarily due to a lower average cash and investment balances. Income Taxes For the second quarter of fiscal 2025, the Companyâ€™s net effective income tax expense rate was approximately 6% (second quarter of fiscal 2024 - net effective income tax expense rate of approximately 5%). The Companyâ€™s net effective income tax rate reflects the change in unrecognized income tax benefits, if any, and the fact that the Company has a significant valuation allowance against its deferred tax assets; in particular, any change in loss carry forwards or research and development credits, amongst other items, was offset by a corresponding adjustment of the valuation allowance. The Companyâ€™s net effective income tax rate also reflects the geographic mix of earnings in jurisdictions with different income tax rates.Net LossThe Companyâ€™s net loss for the second quarter of fiscal 2025 was $19 million, or $0.03 basic and diluted loss per share on a U.S. GAAP basis (second quarter of fiscal 2024 - net loss of $42 million, or $0.07 basic and diluted loss per share). The decrease in net loss of $23 million was primarily due to a decrease in operating expenses, as described above in â€œOperating Expensesâ€ and an increase in revenue, as described above in â€œRevenue by Segmentâ€.Adjusted net loss was $2 million in the second quarter of fiscal 2025, or $0.00 adjusted basic loss per share (second quarter of fiscal 2024 - adjusted net loss of $23 million, or $0.04 adjusted basic loss per share). The decrease in adjusted net loss of $21 million was primarily due to the same reasons described above on a U.S. GAAP basis.The Company previously stated that it expected a sequential increase in operating cash usage in the second quarter of fiscal 2025, before improvement in the third quarter of fiscal 2025. Operating cash flow usage was $13 million in the second quarter of fiscal 2025 and decreased compared to the first quarter of fiscal 2025 due to a combination of the timing of collections and lower costs.The Company expects a sequential improvement in operating cash flow in the third quarter of fiscal 2025.The Company previously stated that it expected non-GAAP EPS to be in the range of ($0.02) to ($0.04), and adjusted EBITDA to be in the range of negative $5 million to negative $15 million in the second quarter of fiscal 2025. Non-GAAP EPS was $0.00 and adjusted EBITDA was nil in the second quarter of fiscal 2025 due to strong revenue and lower-than-expected operating costs.The Company expects non-GAAP EPS to be in the range of ($0.01) to $0.01, and adjusted EBITDA to be in the range of breakeven to $10 million in the third quarter of fiscal 2025. The Company expects sequential improvement in adjusted EBITDA in the third and fourth quarters of fiscal 2025.The Company previously stated that it expected non-GAAP EPS to be in the range of ($0.07) to ($0.03) for fiscal 2025 as a whole. The Company now expects non-GAAP EPS to be in the range of ($0.05) to ($0.02) for fiscal 2025 as a whole due to strong results in the first half of fiscal 2025.The Company does not provide a reconciliation of expected adjusted EBITDA and expected Non-GAAP basic EPS for the third quarter and full fiscal year 2025 to the most directly comparable expected GAAP measures because it is unable to predict with reasonable certainty, among other things, restructuring charges and impairment charges and, accordingly, a reconciliation is not 45 available without unreasonable effort. These items are uncertain, depend on various factors, and could have a material impact on GAAP reported results for the guidance period.The weighted average number of shares outstanding was 591 million common shares for basic and diluted loss per share for the second quarter of fiscal 2025 (second quarter of fiscal 2024 - 584 million common shares for basic and diluted loss per share).Results of Operations - Six months ended August 31, 2024 compared to the six months ended August 31, 2023The following section sets forth certain consolidated statements of operations data, which is expressed in millions of dollars, except for share and per share amounts and as a percentage of revenue, for the six months ended August 31, 2024 and August 31, 2023:Â For the Six Months Ended(in millions, except for share and per share amounts)Â August 31, 2024August 31, 2023Change Revenue $289Â $505Â $(216)Gross margin 190Â 264Â (74)Operating expenses 250Â 322Â (72)Investment income, net 8Â 10Â (2)Loss before income taxes(52)(48)(4)Provision for income taxes9Â 5Â 4Â Net loss(61)(53)$(8)Loss per share - reportedBasic (0.10)(0.09)$(0.01)Diluted (0.10)(0.09)$(0.01)Weighted-average number of shares outstanding (000â€™s)Basic 590,188Â 583,171Â Diluted (1)590,188Â 583,171Â ________________________________(1)Diluted loss per share on a U.S. GAAP basis for the first six months of fiscal 2025 and fiscal 2024 does not include the dilutive effect of the Debentures as to do so would be anti-dilutive. Diluted loss per share on a U.S. GAAP basis for the first six months of fiscal 2025 and fiscal 2024 do not include the dilutive effect of stock-based compensation as to do so would be anti-dilutive.46 RevenueRevenue by SegmentComparative breakdowns of revenue by segment are set forth below.Â For the Six Months Ended(in millions)August 31, 2024August 31, 2023ChangeRevenue by SegmentCybersecurity$172Â $172Â $â€”Â IoT108Â 94Â 14Â Licensing9Â 239Â (230)$289Â $505Â $(216)% Revenue by SegmentCybersecurity59.5Â %34.1Â %IoT37.4Â %18.6Â %Licensing3.1Â %47.3Â %100.0Â %100.0Â %CybersecurityCybersecurity revenue for the first six months of fiscal 2025 was $172 million which was consistent with the first six months of fiscal 2024. Within Cybersecurity revenue, there was an increase of $18 million relating to product revenue in Secusmart, an increase of $2 million in BlackBerry AtHoc, and an increase of $3 million in professional services, which were offset by a decrease of $14 million in BlackBerry UEM licenses, and a decrease of $9 million in Cylance cybersecurity solutions.IoTThe increase in IoT revenue of $14 million was primarily due to an increase of $15 million in BlackBerry QNX royalty revenue, an increase of $2 million in BlackBerry Radar and an increase of $2 million in professional services, partially offset by a decrease of $4 million in BlackBerry QNX development seat revenue.LicensingThe decrease in Licensing revenue of $230 million was primarily due to $218 million associated with the Companyâ€™s patent sale in the first quarter of fiscal 2024, which was a one-time event, and a decrease of $11 million in revenue from the Companyâ€™s intellectual property licensing arrangements. 47 U.S. GAAP Revenue by Geography Comparative breakdowns of the geographic regions on a U.S. GAAP basis are set forth in the following table:Â For the Six Months Ended(in millions)Â August 31, 2024August 31, 2023ChangeRevenue by GeographyNorth America$137Â $389Â $(252)Europe, Middle East and Africa94Â 76Â 18Â Other regions58Â 40Â 18Â $289Â $505Â $(216)% Revenue by GeographyNorth America47.4Â %77.0Â %Europe, Middle East and Africa32.5Â %15.1Â %Other regions20.1Â %7.9Â %100.0Â %100.0Â %North America RevenueThe decrease in North America revenue of $252 million was primarily due to a decrease of $230 million in Licensing revenue due to the reasons discussed above in â€œRevenue by Segmentâ€, a decrease of $15 million in BlackBerry UEM license, a decrease of $8 million in Cylance cybersecurity solutions, a decrease of $5 million in BlackBerry QNX development seat revenue and a decrease of $3 million in product revenue in Secusmart, partially offset by an increase of $6 million in BlackBerry QNX royalty revenue.Europe, Middle East and Africa RevenueThe increase in Europe, Middle East and Africa revenue of $18 million was primarily due to an increase of $20 million relating to product revenue in Secusmart and an increase of $3 million in BlackBerry QNX royalty revenue, partially offset by a decrease of $2 million in Cylance cybersecurity solutions, a decrease of $2 million in professional services and a decrease of $1 million in BlackBerry UEM license.Other Regions RevenueThe increase in other regions of $18 million was primarily due to an increase of $8 million in professional services, an increase of $5 million relating to BlackBerry QNX royalty revenue, an increase of $2 million in BlackBerry QNX development seat revenue and an increase of $1 million in product revenue in Secusmart.Consolidated Gross Margin Consolidated gross margin decreased by $74 million to approximately $190 million in the first six months of fiscal 2025 (first six months of fiscal 2024 - $264 million). The decrease was primarily due to the patent sale in the first quarter of fiscal 2024, which was a one-time event, and a decrease in revenue from Cylance cybersecurity solutions, partially offset by an increase in revenue from BlackBerry QNX, as the cost of sales for most software and services products does not significantly fluctuate based on business volume.Consolidated Gross Margin PercentageConsolidated gross margin percentage increased by 13.4%, to approximately 65.7% of consolidated revenue in the first six months of fiscal 2025 (first six months of fiscal 2024 - 52.3%). The increase was primarily due to a change in mix, specifically a higher gross margin contribution from BlackBerry QNX, and a lower gross margin contribution from Licensing, which had a lower relative gross margin percentage in the first six months of fiscal 2024 due to the patent sale.48 Gross Margin by SegmentSee â€œBusiness Overviewâ€ and â€œSecond Quarter Fiscal 2025 Summary Results of Operationsâ€ for information about the Companyâ€™s operating segments and the basis of operating segment results.For the Six Months EndedÂ (in millions)CybersecurityIoTLicensingSegment TotalsAugust 31,ChangeAugust 31,ChangeAugust 31,ChangeAugust 31,Change20242023202420232024202320242023Segment revenue$172$172$â€”$108$94$14$9$239(230)289$505$(216)Segment cost of sales74731201733149(146)97239(142)Segment gross margin$98$99(1)88$77$11$6$90(84)192$266$(74)Segment gross margin %57Â %58Â %(1Â %)81Â %82Â %(1Â %)67Â %38Â %29Â %66Â %53Â %13Â %CybersecurityThe decrease in Cybersecurity gross margin of $1 million was primarily due to a change in mix, specifically a higher gross margin contribution from Secusmart, which had a lower relative gross margin percentage, partially offset by a decrease of $6 million in infrastructure costs. The decrease in Cybersecurity gross margin percentage of 1% was primarily due to the same reasons discussed above.IoTThe increase of IoT gross margin of $11 million was primarily due to the reasons discussed above in â€œRevenue by Segmentâ€, partially offset by an increase in cost of sales related to professional services. The decrease in IoT gross margin percentage of 1% was primarily due to an increase in cost of sales related to professional services. LicensingThe decrease in Licensing gross margin of $84 million was primarily due to the patent sale in the first quarter of fiscal 2024, which had a lower relative gross margin percentage due to the cost basis of the sold assets which was de-recognized.The increase in Licensing gross margin percentage of 29% was primarily due to the same reason discussed above.49 Operating Expenses The table below presents a comparison of research and development, selling, marketing and administration, and amortization expense for the six months ended August 31, 2024, compared to the six months ended August 31, 2023.For the Six Months Ended(in millions)August 31, 2024August 31, 2023ChangeRevenue$289Â $505Â $(216)Operating expensesResearch and development79Â 104Â (25)Sales and marketing72Â 88Â (16)General and administrative73Â 84Â (11)Amortization23Â 29Â (6)Impairment of long-lived assets3Â 1Â 2Â Debentures fair value adjustmentâ€”Â 16Â (16)Total$250Â $322Â $(72)Operating Expense as % of RevenueResearch and development27.3Â %20.6Â %Sales and marketing24.9Â %17.4Â %General and administrative25.3Â %16.6Â %Amortization8.0Â %5.7Â %Impairment of long-lived assets1.0Â %0.2Â %Debentures fair value adjustmentâ€”Â %3.2Â %Total86.5Â %63.8Â %See â€œNon-GAAP Financial Measuresâ€ for a reconciliation of selected U.S. GAAP-based measures to adjusted measures for the six months ended August 31, 2024 and August 31, 2023.U.S. GAAP Operating ExpensesOperating expenses decreased by $72 million, or 22.4%, in the first six months of fiscal 2025, compared to the first six months of fiscal 2024. The decrease was primarily due to a decrease of $35 million in salaries and benefits expense, the fair value adjustment related to the 2020 Debentures in the first six months of fiscal 2024 of $16 million, which did not recur, a decrease of $7 million in amortization costs, a decrease of $5 million in consulting expense, a decrease of $5 million in legal expense, a decrease of $5 million in marketing and advertising costs, a decrease of $5 million in stock compensation costs, a decrease of $4 million in credit loss provision and a decrease of $3 million in lease expense, partially offset by an increase of $17 million related to the release of an accrued liability relating to the Companyâ€™s legacy mobile device business in the first six months of fiscal 2024, which did not recur.Adjusted Operating ExpensesAdjusted operating expenses decreased by $51 million, or 19.7%, to $208 million in the first six months of fiscal 2025, compared to $259 million the first six months of 2024. The decrease was primarily due to a decrease of $35 million in salaries and benefits expense, a decrease of $5 million in consulting expense, a decrease of $5 million in legal expense, a decrease of $5 million in marketing and advertising costs, a decrease of $4 million in credit loss provision, a decrease of $3 million in lease expense, a decrease of $3 million in the Companyâ€™s deferred share unit costs and a decrease of $3 million in amortization costs, partially offset by an increase of $17 million related to the release of an accrued liability relating to the Companyâ€™s legacy mobile device business in the first six months of fiscal 2024, which did not recur.Research and Development Expenses Research and development expenses consist primarily of salaries and benefits for technical personnel, new product development costs, travel, office and building costs, infrastructure costs and other employee costs.Research and development expenses decreased by $25 million, or 24.0%, in the first six months of fiscal 2025, compared to the first six months of fiscal 2024. The decrease was primarily due to a decrease of $16 million in salaries and benefits expenses and a decrease of $5 million in consulting costs. 50 Adjusted research and development expenses decreased by $25 million, or 25.0%, to $75 million in the first six months of fiscal 2025, compared to $100 million in the first six months of fiscal 2024. The decrease was primarily due to the same reasons described above on a U.S. GAAP basis.Sales and Marketing Expenses Sales and marketing expenses consist primarily of marketing, advertising and promotion, salaries and benefits, information technology costs and travel expenses.Sales and marketing expenses decreased by $16 million, or 18.2%, in the first six months of fiscal 2025 compared to the first six months of fiscal 2024. The decrease was primarily due to a decrease of $11 million in salaries and benefits and a decrease of $4 million in marketing and advertising costs.Adjusted sales and marketing expenses decreased by $15 million, or 17.9%, to $69 million in fiscal 2025 compared to $84 million in fiscal 2024. The decrease was primarily due to the same reasons described above on a U.S. GAAP basis.General and Administrative Expenses General and administration expenses consist primarily of salaries and benefits, external advisory fees, information technology costs, office and related staffing infrastructure costs.General and administrative expenses decreased by $11 million, or 13.1%, in the first six months of fiscal 2025 compared to the first six months of fiscal 2024. The decrease was primarily due to a decrease of $8 million in salaries and benefits expenses, a decrease of $5 million in legal expense, a decrease of $4 million in credit loss provision, a decrease of $4 million in stock compensation costs, a decrease of $3 million in lease expense and a decrease of $3 million in the Companyâ€™s deferred share unit costs, partially offset by an increase of $17 million related to the release of an accrued liability relating to the Companyâ€™s legacy mobile device business in the second quarter of fiscal 2024, which did not recur.Adjusted general and administrative expenses decreased by $8 million, or 12.1%, to $58 million in fiscal 2025 compared to $66 million in fiscal 2024. The decrease was primarily due to a decrease of $8 million in salaries and benefits expenses, a decrease of $5 million in legal expense, a decrease of $4 million in credit loss provision, a decrease of $3 million in lease expense, and a decrease of $3 million in the Companyâ€™s deferred share unit costs, partially offset by an increase of $17 million related to the release of an accrued liability relating to the Companyâ€™s legacy mobile device business in the second quarter of fiscal 2024, which did not recur.Amortization Expense The table below presents a comparison of amortization expense relating to property, plant and equipment and intangible assets recorded as amortization or cost of sales for the six months ended August 31, 2024 compared to the six months ended August 31, 2023. Intangible assets are comprised of patents, licenses and acquired technology.For the Six Months Ended(in millions)Â Included in Operating ExpenseÂ August 31, 2024August 31, 2023ChangeProperty, plant and equipment$4Â $4Â $â€”Â Intangible assets19Â 25Â (6)Total$23Â $29Â $(6)Included in Cost of SalesAugust 31, 2024August 31, 2023ChangeProperty, plant and equipment$â€”Â $2Â $(2)Intangible assets3Â 1Â 2Â Total$3Â $3Â $â€”Â Amortization included in Operating ExpenseThe decrease in amortization expense included in operating expense of $6 million was primarily due to the lower cost base of acquired technology assets.Adjusted amortization expense decreased by $3Â million to $6 million in the first six months of fiscal 2025 compared to $9 million in the first six months of fiscal 2024 due to the same reasons described above.51 Amortization included in Cost of SalesAmortization expense relating to certain property, plant and equipment and certain intangible assets employed in the Companyâ€™s service operations was $3Â million in the first six months of fiscal 2025 and was consistent with the first six months of fiscal 2024.Investment Income, NetInvestment income, net, which includes the interest expense from the Debentures, was $8 million in the first six months of fiscal 2025 and decreased by $2 million from investment income, net of $10 million in the first six months of fiscal 2024 primarily due to a lower average cash and investment balance, partially offset by unrealized gains recognized from observable price changes on non-marketable equity investments without readily determinable fair value in the first six months of fiscal 2025.Income Taxes For the first six months of fiscal 2025, the Companyâ€™s net effective income tax expense rate was approximately 17% (first six months of fiscal 2024 - net effective income tax expense rate of approximately 10%). The Companyâ€™s net effective income tax rate reflects the change in unrecognized income tax benefits, if any, and the fact that the Company has a significant valuation allowance against its deferred tax assets, and in particular, the change in loss carry forwards, research and development credits, amongst other items, was offset by a corresponding adjustment of the valuation allowance. The Companyâ€™s net effective income tax rate also reflects the geographic mix of earnings in jurisdictions with different income tax rates.Net Loss The Companyâ€™s net loss for the first six months of fiscal 2025 was $61 million, or $0.10 basic and diluted loss per share on a U.S. GAAP basis (first six months of fiscal 2024 - net loss of $53 million, or $0.09 basic and diluted loss per share). The increase in net loss of $8 million was primarily due to a decrease in revenue as described above in â€œRevenue by Segmentâ€, partially offset by a decrease in operating expenses, as described above in â€œOperating Expensesâ€ and an increase in gross margin percentage, as described above in â€œConsolidated Gross Margin Percentageâ€.Adjusted net loss was $17 million in the first six months of fiscal 2025 (first six months of fiscal 2024 - adjusted net income of $12 million). The decrease in adjusted net income of $29 million was primarily due to the same reasons described above on a U.S. GAAP basis.The weighted average number of shares outstanding was 590 million for basic and diluted loss per share for the first six months of August 31, 2024. The weighted average number of shares outstanding was 583 million for basic and diluted loss per share for the first six months of August 31, 2023. Common Shares OutstandingOn SeptemberÂ 24, 2024, there were 591 million voting common shares, options to purchase 0.2 million voting common shares, 18 million restricted share units and 1 million deferred share units outstanding. In addition, 51.5Â million common shares are issuable upon conversion in full of the Notes as described in Note 5 to the Consolidated Financial Statements.The Company has not paid any cash dividends during the last three fiscal years.Â Financial ConditionLiquidity and Capital Resources Cash, cash equivalents, and investments decreased by $33 million to $265 million as at August 31, 2024 from $298 million as at February 29, 2024, primarily due to changes in working capital.52 A comparative summary of cash, cash equivalents, and investments is set out below:As at(in millions)Â August 31, 2024February 29, 2024ChangeCash and cash equivalents$171Â $175Â $(4)Restricted cash and cash equivalents17Â 25Â (8)Short-term investments40Â 62Â (22)Long-term investments37Â 36Â 1Â Cash, cash equivalents, and investments$265Â $298Â $(33)The table below summarizes the current assets, current liabilities, and working capital of the Company:As at(in millions)Â August 31, 2024February 29, 2024ChangeCurrent assets$438Â $508Â $(70)Current liabilities305Â 356Â (51)Working capital$133Â $152Â $(19)Current Assets The decrease in current assets of $70 million at the end of the second quarter of fiscal 2025 from the end of the fourth quarter of fiscal 2024 was primarily due to a decrease in accounts receivable, net of allowance of $49 million, a decrease in short term investments of $22 million and a decrease in cash and cash equivalents of $4 million, partially offset by an increase of $5 million in other current assets.At August 31, 2024, accounts receivable, net of allowance was $150 million, a decrease of $49 million from February 29, 2024. The decrease was primarily due to lower revenue recognized over the three months ended August 31, 2024 compared to the three months ended February 29, 2024 and a decrease in days sales outstanding to 94 days at the end of the second quarter of fiscal 2025 from 100 days at the end of the fourth quarter of fiscal 2024.At August 31, 2024, other current assets were $52 million, an increase of $5 million from February 29, 2024. The increase was primarily due to an increase of $3 million in prepaid software maintenance.At August 31, 2024, income taxes receivables were $4 million, consistent with February 29, 2024.At August 31, 2024, other receivables were $21 million, consistent with February 29, 2024.Current LiabilitiesThe decrease in current liabilities of $51 million at the end of the second quarter of 2025 from the end of the fourth quarter of fiscal 2024 was primarily due to a decrease in deferred revenue, current of $33 million, a decrease in accounts payable of $10 million and a decrease in accrued liabilities of $8 million.Deferred revenue, current was $161 million, which reflects a decrease of $33 million compared to February 29, 2024 that was attributable to a decrease of $13 million in deferred revenue, current related to BlackBerry UEM, a decrease in $8 million in deferred revenue, current related to BlackBerry QNX, a decrease of $7 million in deferred revenue, current related to BlackBerry Cylance and a decrease of $4 million in deferred revenue, current related to BlackBerry AtHoc.Accounts payable were $7 million, reflecting a decrease of $10 million from February 29, 2024, which was primarily due to timing of payments.Accrued liabilities were $109 million at the end of the second quarter of 2025, reflecting a decrease of $8 million compared to February 29, 2024, which was primarily due to a decrease of $12 million in accrued restructuring costs and a decrease of $3 million in operating lease liability, current, partially offset by an increase of $6 million in variable incentive plan accrual.At August 31, 2024, income taxes payable were $28 million, consistent with February 29, 2024.53 Cash flows for the six months ended August 31, 2024 compared to the six months ended August 31, 2023 were as follows:For the Six Months Ended(in millions)Â August 31, 2024August 31, 2023ChangeNet cash flows provided by (used in):Operating activities(28)43Â $(71)Investing activities15Â 76Â (61)Financing activities1Â 2Â (1)Net increase (decrease) in cash and cash equivalents(12)121Â $(133)Operating ActivitiesThe increase in net cash flows used in operating activities of $71 million was primarily a result of the Companyâ€™s patent sale in the first quarter of fiscal 2024, which was a one-time event, and changes in working capital.Investing ActivitiesDuring the six months ended August 31, 2024, cash flows provided by investing activities were $15 million and included cash provided by transactions involving the acquisitions of short-term and long-term investments, net of the proceeds on sale or maturity in the amount of $22 million, offset by cash used in the acquisition of intangible assets of $4 million, and the acquisition of property, plant and equipment of $3 million. For the same period in the prior fiscal year, cash flows provided by investing activities were $76 million and included cash used in transactions involving the acquisitions of short-term and long-term investments, net of the proceeds on sale or maturity in the amount of $89 million, offset by cash used in the acquisition of intangible assets of $10 million, and the acquisition of property, plant and equipment of $3 million.Financing ActivitiesThe decrease in cash flows provided by financing activities was $1 million for the first six months of fiscal 2025 due to a decrease in common shares issued upon the exercise of stock options and under the employee share purchase plan.Debt Financing and Other Funding SourcesSee Note 5 to the Consolidated Financial Statements for a description of the Companyâ€™s $200 million aggregate principal amount of 3.00% senior convertible unsecured notes issued in January 2024 (the â€œNotesâ€) and the $365 million aggregate principal amount of convertible debentures issued in September 2020, which matured in November 2023 (the â€œ2020 Debenturesâ€ and, collectively with the Notes, the â€œDebenturesâ€).The Company has $16 million in collateralized outstanding letters of credit in support of certain leasing arrangements entered into in the ordinary course of business. See Note 2 to the Consolidated Financial Statements for further information concerning the Companyâ€™s restricted cash.Cash, cash equivalents, and investments were approximately $265 million as at August 31, 2024. The Companyâ€™s management remains focused on maintaining appropriate cash balances, efficiently managing working capital balances and managing the liquidity needs of the business. Based on its current financial projections, the Company believes its financial resources, together with expected future operating cash generating and operating expense reduction activities, should be sufficient to meet funding requirements for current financial commitments and future operating expenditures not yet committed, and should provide the necessary financial capacity for the foreseeable future.54 Contractual and Other ObligationsThe following table sets out aggregate information about the Companyâ€™s contractual and other obligations and the periods in which payments are due as at August 31, 2024:Â (in millions)Â TotalShort-term (next 12 months)Long-term (>12 months)Operating lease obligations$60Â $18Â $42Â Purchase obligations and commitments48Â 48Â â€"Â Debt interest and principal payments227Â 6Â 221Â Total$335Â $72Â $263Â Total contractual and other obligations as at August 31, 2024 decreased by approximately $9 million as compared to the February 29, 2024 balance of approximately $344 million, which was attributable to a decrease in operating lease obligations. and a decrease in purchase obligations and commitments.The Company does not have any material off-balance sheet arrangements.Accounting Policies and Critical Accounting Estimates There have been no changes to the Companyâ€™s accounting policies or critical accounting estimates from those described under â€œAccounting Policies and Critical Accounting Estimatesâ€ in the Annual MD&A, other than the accounting standards adopted during fiscal 2025 as described in Note 1 to the Consolidated Financial Statements.ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISKThe Company is engaged in operating and financing activities that generate risk in three primary areas:Foreign ExchangeThe Company is exposed to foreign exchange risk as a result of transactions in currencies other than its functional currency, the U.S. dollar. The majority of the Companyâ€™s revenue in the second quarter of fiscal 2025 was transacted in U.S. dollars. Portions of the revenue were denominated in Canadian dollars, euros and British pounds. Expenses, consisting mainly of salaries and certain other operating costs, were incurred primarily in Canadian dollars, but were also incurred in U.S. dollars, euros and British pounds. At August 31, 2024, approximately 26% of cash and cash equivalents, 26% of accounts receivables and 73% of accounts payable were denominated in foreign currencies (February 29, 2024 â€" 19%, 25% and 59%, respectively). These foreign currencies primarily include the Canadian dollar, euro and British pound. As part of its risk management strategy, the Company maintains net monetary asset and/or liability balances in foreign currencies and engages in foreign currency hedging activities using derivative financial instruments, including currency forward contracts and currency options. The Company does not use derivative instruments for speculative purposes. If overall foreign currency exchange rates to the U.S. dollar uniformly weakened or strengthened by 10% related to the Companyâ€™s net monetary asset or liability balances in foreign currencies at August 31, 2024 (after hedging activities), the impact to the Company would be immaterial.The Company regularly reviews its currency forward and option positions, both on a stand-alone basis and in conjunction with its underlying foreign currency exposures. Given the effective horizons of the Companyâ€™s risk management activities and the anticipatory nature of the exposures, there can be no assurance these positions will offset more than a portion of the financial impact resulting from movements in currency exchange rates. Further, the recognition of the gains and losses related to these instruments may not coincide with the timing of gains and losses related to the underlying economic exposures and, therefore, may adversely affect the Companyâ€™s financial condition and operating results.Interest RateCash and cash equivalents and investments are invested in certain instruments with fixed interest rates of varying maturities. Consequently, the Company is exposed to interest rate risk as a result of holding investments of varying maturities and the significant financing components within certain revenue contracts with customers. The fair value of investments, as well as the investment income derived from the investment portfolio, will fluctuate with changes in prevailing interest rates. The Company also has significant financing components within certain revenue contracts with customers and is exposed to interest rate risk as a result of discounting the future payments from customers with a fixed interest rate. The Company has also issued Notes with 55 a fixed interest rate, as described in Note 5 to the Consolidated Financial Statements. The Company is exposed to interest rate risk as a result of the Notes. The Company does not currently utilize interest rate derivative instruments.Credit and Customer Concentration The Company, in the normal course of business, monitors the financial condition of its customers and reviews the credit history of each new customer. The Company establishes an allowance for credit losses (â€œACLâ€) that corresponds to the specific credit risk of its customers, historical trends and economic circumstances. The ACL as at August 31, 2024 was $6 million (February 29, 2024 - $6 million). There was one customer that comprised more than 10% of accounts receivable as at August 31, 2024 (February 29, 2024 - two customers that comprised more than 10%). During the second quarter of fiscal 2025, the percentage of the Companyâ€™s receivable balance that was past due decreased by 11.1% compared to the fourth quarter of fiscal 2024. Although the Company actively monitors and attempts to collect on its receivables as they become due, the risk of further delays or challenges in obtaining timely payments of receivables from resellers and other distribution partners exists. The occurrence of such delays or challenges in obtaining timely payments could negatively impact the Companyâ€™s liquidity and financial condition. There was one customer that comprised 11% of the Companyâ€™s revenue and 12% of the Companyâ€™s revenue in the three and six months ended August 31, 2024, respectively (three and six months ended August 31, 2023 - no customer that comprised more than 10% of the Companyâ€™s revenue and one customer that comprised 45% of the Companyâ€™s revenue, due to the completed patent sale transaction, respectively).Market values are determined for each individual security in the investment portfolio. The Company assesses declines in the value of individual investments for impairment to determine whether the decline is other-than-temporary. The Company makes this assessment by considering available evidence including changes in general market conditions, specific industry and individual company data, the length of time and the extent to which the fair value has been less than cost, the financial condition, the near-term prospects of the individual investment and the Companyâ€™s ability and intent to hold the debt securities to maturity.ITEM 4. CONTROLS AND PROCEDURESAs of August 31, 2024, the Company carried out an evaluation, under the supervision and with the participation of the Companyâ€™s management, including the Companyâ€™s Chief Executive Officer and its Chief Financial Officer, of the effectiveness of the design and operation of the Companyâ€™s disclosure controls and procedures, as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act. Based on that evaluation, the Chief Executive Officer and the Chief Financial Officer have concluded that, as of such date, the Companyâ€™s disclosure controls and procedures were effective to give reasonable assurance that the information required to be disclosed by the Company in reports that it files or submits under the Exchange Act is (i)Â recorded, processed, summarized and reported, within the time periods specified in the SECâ€™s rules and forms, and (ii)Â accumulated and communicated to management, including its principal executive and principal financial officers, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure.Changes in Internal Control Over Financial ReportingDuring the three months ended August 31, 2024, no changes were made to the Companyâ€™s internal control over financial reporting that have materially affected, or are reasonably likely to materially affect, the Companyâ€™s internal control over financial reporting.PART II - OTHER INFORMATIONITEM 1. LEGAL PROCEEDINGSSee Note 9 to the Consolidated Financial Statements for information regarding certain legal proceedings in which the Company is involved.ITEM 5. OTHER INFORMATIONRule 10b5-1 and Non-Rule 10b5-1 Trading ArrangementsDuring the three months ended August 31, 2024, neither the Company or any of its officers or directors adopted or terminated trading arrangements for the sale of the Companyâ€™s common shares.ITEM 6. EXHIBITSExhibit NumberDescription of Exhibit10.1Employment agreement with Tim Foote, dated July 26, 2024 (incorporated by reference to Exhibit 10.1 to the Registrantâ€™s Current Report on Form 8-K (File No. 001-38232) filed with the SEC on July 29, 2024).10.2*Separation agreement with Steve Rai, dated July 26, 202431.1*Certification of Chief Executive Officer pursuant to Securities Exchange Act of 1934 Rule 13a-14(a)56 31.2*Certification of Chief Financial Officer pursuant to Securities Exchange Act of 1934 Rule 13a-14(a)32.1â€ Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 200232.2â€ Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002101*XBRL Instance Document â€" the document does not appear in the interactive data file because its XBRL tags are embedded within the Inline XBRL document101*Inline XBRL Taxonomy Extension Schema Document101*Inline XBRL Taxonomy Extension Calculation Linkbase Document101*Inline XBRL Taxonomy Extension Definition Linkbase Document101*Inline XBRL Taxonomy Extension Label Linkbase Document101*Inline XBRL Taxonomy Extension Presentation Linkbase Document104*Cover Page Interactive Data File â€" formatted as Inline XBRL and contained in Exhibit 101______________________________* Filed herewithâ€ Furnished (and not filed) herewith pursuant to Item 601(b)(32)(ii) of the SECâ€™s Regulation S-K57 SIGNATURESPursuant to the requirements of Section 13 or 15(d) the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereto duly authorized.Â BLACKBERRY LIMITEDDate: September 27, 2024By:Â /s/ John GiamatteoName:Â John GiamatteoTitle:Â Chief Executive OfficerBy:/s/ Tim FooteName:Tim FooteTitle:Chief Financial Officer58 EX-10.2 2 steverai-separationagree.htm EX-10.2 steverai-separationagree BlackBerry Limited 2200 University Avenue East, Waterloo, Ontario, Canada N2K 0A7 tel: +1 (519) 888-7465 fax: +1 (519) 888-1975 July 26, 2024 Steve Rai Dear Steve: Further to our meeting and subsequent discussions, this confirms our discussion regarding the September 30, You will be paid all your eligible earnings to the Termination Date and a Record of Employment will be filed electronically on your behalf. To assist you in your transition to new employment, we are prepared to put the following severance arrangements into effect, subject to your signing the enclosed Release and Indemnity attached as Schedule A and returning the same to us. Employment Agreement Amendment paragraph 4.7(d) of the amendment effective July 1, 2022 to your employment agreement with BlackBerry dated September 23, 2019 (the , as amended, is hereby deleted and replaced in its entirety by the following new language: (d) (i) an amalgamation, merger, share exchange, consolidation, arrangement or Limited or (B) any present or future direct or indirect subsidiary of BlackBerry Limited which at the time of the completion of the Transaction directly or indirectly operates, or owns all or substantially all of the assets used solely in the operation of, either the Cybersecurity business of BlackBerry Limited or the IoT business of BlackBerry Limited (each, a and another corporation or other legal entity, other than an affiliate of BlackBerry Limited, as a result of which the holders of the voting shares of BlackBerry Limited or the Business Unit Subsidiary, as the case may be, immediately prior to the completion of the Transaction hold less than 50% of the voting power of all of the shares of such entity immediately after completion of the Transaction; (ii) any person (for the purposes of this paragraph 4.5(d), as defined in the Business Corporations Act (Ontario)) or group of persons acting jointly or in concert (within the meaning of Ontario securities law), other than any person that is an affiliate of BlackBerry Limited, acquires or becomes the beneficial owner of, directly or indirectly, shares possessing more than 50% of the voting Â 2. 07/26/2024 BlackBerry Limited 2200 University Avenue East, Waterloo, Ontario, Canada N2K 0A7 tel: +1 (519) 888-7465 fax: +1 (519) 888-1975 power of all of the shares of BlackBerry Limited or of a Business Unit Subsidiary, whether through the acquisition of previously issued and outstanding shares or of shares that have not been previously issued, or any combination thereof, or any other transaction having similar effect; (iii) the acquisition in one transaction or a series of transactions, whether related or unrelated, by any person or persons of all or substantially all of the assets (A) of BlackBerry Limited or (B) used solely in the operation of either Business Unit, in either case on a consolidated basis, and in the case of (A) or (B) other than a disposition or transfer of assets to BlackBerry Limited and/or an affiliate of BlackBerry Limited as part of a reorganization of assets of BlackBerry Limited and/or its affiliates; or (iv) as a result of or in connection with an actual or threatened contested election of directors, the management nominees named in the most recent management proxy circular of BlackBerry Limited for election to the Board do not constitute a majority of the Board. We confirm that the wording of the foregoing definition is identical to that of an amendment BlackBerry will agree to make to agreement of its Chief Executive Officer on or about the date of this letter agreement. Payment and Benefits Pay in Lieu of Notice and Severance A payment equivalent to your Employment Standards Act, 2000 entitlement will be paid to you seven (7) days following your Termination Date or on what would have been the next regular pay day, whichever is later. BlackBerry will also continue to pay you your current annual base salary ($600,000.00 CAD) for a period of twenty-two (22) months following the Termination Date , less the Statutory Amount amortized over the Severance Period, provided that you sign and return the enclosed Release and Indemnity as further described below and remain in compliance with your obligations under both it and this letter agreement during the Severance Period. Employee Benefits All group benefit coverage which was available to you prior to the Termination Date will continue as though you remained actively employed by BlackBerry during a notice period of 6 weeks, pursuant to the Employment Standards Act, 2000. Provided you sign and return the enclosed Release and Indemnity, you will also receive continuing benefit coverage (excluding optional AD&D, travel insurance and assistance, RRSP contribution match, STD and LTD benefits, optional life and critical illness insurance) for the remainder of the Severance Period. Incentive Compensation BlackBerry will pay you a pro rata amount of any earned Fiscal 2025 Variable Incentive Plan (VIP) program bonus to you in accordance based on attainment of the performance Â 3. 07/26/2024 BlackBerry Limited 2200 University Avenue East, Waterloo, Ontario, Canada N2K 0A7 tel: +1 (519) 888-7465 fax: +1 (519) 888-1975 targets set out in, and otherwise in accordance with the terms and conditions of, your applicable VIP plan. Such amount will be calculated on a pro rata basis for the portion of Fiscal 2025 completed up to and including the Termination Date and will be paid at the time that BlackBerry generally pays Fiscal 2025 VIP amounts to employees in Canada. Career Transition Services and Support Provided you sign and return the enclosed Release and Indemnity, you will be provided with professional career transition services and support through Right Management, details of which are enclosed. Equity Notwithstanding the terms of the BlackBerry Equity Incentive Plan or any Restricted Share Unit (RSU) award agreement to the contrary, all of your entitlements or rights pursuant to any outstanding RSUs held by you will continue to vest during the Severance Period otherwise in accordance with the terms of the Plan and the applicable award agreements. At the end of the Severance Period, any unvested RSUs will expire immediately, be forfeited and of no force or effect. Employee Share Purchase Plan If you own BlackBerry shares through the BlackBerry Employee Share Purchase Plan (ESPP), you will need to access your Solium Shareworks account within 90 days and indicate how you would like to receive your proceeds. Vacation Pay and Other Outstanding Amounts Owing If there is any pro-rated vacation pay or other outstanding amounts owing to you as of the Termination Date, this will be paid to you in addition to the amounts set out herein. Deductions BlackBerry will deduct the amount of your employee contributions, if any, to the benefit plans outlined above, from any payments it makes to you. All required statutory deductions will be deducted from any amounts to be paid to you hereunder as well. Expenses You will be reimbursed for any allowable business expenses incurred up to and including the Termination Date. If you wish to claim any unclaimed allowable business expenses, please submit an expense report prior to the Termination Date or within 7 days of the Termination Date. Tax Preparation BlackBerry will pay for Canadian and, at your request, U.S. tax preparation and filing service provider for 2024. Transition to Advisor Â 4. 07/26/2024 BlackBerry Limited 2200 University Avenue East, Waterloo, Ontario, Canada N2K 0A7 tel: +1 (519) 888-7465 fax: +1 (519) 888-1975 From July 29, 2024 to September 30, 2024, your position will be Advisor and you will not be an officer of BlackBerry. You will report to the Chief Executive Officer and your duties will be to assist him with his integration into his role together with such other duties as he may reasonably determine and assign. Throughout your fixed term as Advisor, your compensation and benefits will remain unchanged and your work will be on an as-needed (but no more than 40 hours per week) and hybrid basis. We acknowledge and agree that during your fixed term as Advisor you may undertake outside business and employment activities provided that they do not conflict or interfere with your assigned duties to BlackBerry and that you remain in compliance with the Restrictive Covenant Addendum that you signed in connection with the Employment Agreement immediately below. Confidentiality and Ongoing Obligations We would and Principles documentation and the Employee/Consultant Confidentiality and Intellectual Property Agreement agreed to with BlackBerry during your employment. In particular, we would expressly includes all trade secrets, confidential, private or secret information, know how, proprietary information, intellectual property, or information that has been specifically identified or consultants, sponsored researchers, suppliers, distributors, customers, and other business partners. We would also like to remind you of your ongoing non-solicitation obligations which continue to apply after the termination of your employment with BlackBerry. During the course of your employment, you may have been the subject of one or more legal holds requiring you to, among other things, preserve documents relating to litigation involving BlackBerry. You confirm that during the course of your employment you at all times complied with all litigation holds to which you were subject. During the course of your employment with BlackBerry, you acquired knowledge of matters which are now, or may become, the subject of disputed claims or litigation involving BlackBerry, its subsidiaries and affiliated or associated companies. As a result, you agree to provide all assistance and cooperation requested by BlackBerry and/or its counsel relating to any litigation involving BlackBerry when it is determined by BlackBerry that your assistance is needed. Your assistance may include, but is not limited to, participating in interviews, providing truthful information on factual issues, reviewing documents, and/or preparing for and giving truthful testimony, whether orally or by affidavit at discovery, in a deposition, at trial or otherwise. In order to minimize the economic impact that you may experience as a result of fulfilling these obligations, BlackBerry will pay you at a rate of $288 CAD per completed hour for your time and will reimburse you for reasonable expenses you incur in connection with such assistance. You understand that your agreement to provide such assistance and cooperation as set forth in this paragraph is in addition to all of your continuing obligations under your employment agreement or otherwise, including your obligations of confidentiality and non-disclosure. If you are contacted or approached about, or otherwise requested to disclose such information, you agree not to disclose any such information and to immediately contact Maggie Mayo, Senior Director, Head of Litigation at mmayo@blackberry.com. Â Â 6. 07/26/2024 BlackBerry Limited 2200 University Avenue East, Waterloo, Ontario, Canada N2K 0A7 tel: +1 (519) 888-7465 fax: +1 (519) 888-1975 Schedule A RELEASE AND INDEMNITY 1. In consideration of those payments and the other considerations contained in the attached letter acknowledged, I, Steve Rai: (a) hereby release and forever discharge BlackBerry Limited officers, directors, agents, employees, shareholders, successors, assigns and all affiliated, related, subsidiary and parent corporations, and all of their officers, from all manner of action, causes of action, claims, covenants, contracts, complaints or grievances arising out of my employment or the cessation of my employment with the Releasee, BlackBerry, including without limitation: I. any claims pursuant to the Ontario Human Rights Code, the Ontario Employment Standards Act, the Occupational Health and Safety Act, and the Workplace Safety and Insurance Act, specifically including claims for salary, wages, vacation pay, holiday pay, commissions, bonuses, incentive plan payments, benefits, expenses, interest, stock options, Restricted Share Units, overtime pay, termination pay and severance pay; and II. any other claims arising at or pursuant to common law, under contract or any other legislation which may be found to apply to my employment with BlackBerry, or the cessation thereof; (b) agree not to make any claim or take any proceedings against any other individual, partnership, association, trustee, unincorporated organization or corporation with respect to any matters which may have arisen between me and the Releasees; (c) hereby agree to indemnify and save harmless the Releasees from any and all claims or demands under the Income Tax Act of Canada, the Income Tax Act of the Province of Ontario, the Canada Pension Plan, the Employment Insurance Act of Canada, including any regulations made thereunder, and any other statute or regulations, for or in respect of any failure on the part of BlackBerry to withhold the income tax, Canada Pension Plan premiums, employment insurance premiums or benefits overpayment or any other tax, premium, payment or levy from all or any part of the said consideration, any interest or penalties relating thereto, and any costs or expenses incurred in defending such claims or demands. 2. Notwithstanding the foregoing, this Release and Indemnity shall not apply to any actions, causes of action, claims and demands which I may have relating to the failure or refusal of BlackBerry to comply with the Severance Offer. 3. I further agree to keep the terms and conditions of the attached Severance Offer and this Release and Indemnity confidential and to not disclose the fact or terms of the Severance Offer to any person other than my legal and financial advisors and my immediate family, except as may be required by law. Â 7. 07/26/2024 BlackBerry Limited 2200 University Avenue East, Waterloo, Ontario, Canada N2K 0A7 tel: +1 (519) 888-7465 fax: +1 (519) 888-1975 4. I agree that I will not comment in any adverse fashion on, and will refrain from making any disparaging or derogatory remarks about BlackBerry and its associated and related companies and their respective directors, officers, agents or employees, or my relationship with any of them. 5. I acknowledge and agree that the Severance Offer does not constitute any admission of liability by the Releasees. 6. This Release and Indemnity and the Severance Offer shall be deemed to have been made and shall be construed in accordance with the laws of the Province of Ontario. I hereby submit to and consent to the non-exclusive jurisdiction and venue of the Courts of the Province of Ontario to hear any matter arising in connection with the Severance Offer or this Release and Indemnity. I agree that the ongoing obligations set out in the Severance Offer and paragraphs 1 through 7 herein are each independent covenants and if any of them is held by a court of competent jurisdiction to be invalid, void or unenforceable by a court or other lawful authority, the remainder of the continuing obligations shall remain in force and effect and shall in no way be affected, impaired, or invalidated. 7. This Release and Indemnity shall inure to the benefit of and be binding upon me and the Releasees and our respective heirs, executors, administrators, legal personal representatives, successors and assigns. I acknowledge and agree that I have had the opportunity to obtain independent legal advice with respect to the terms of the Severance Offer as well as this document and I fully understand them. I hereby voluntarily accept the Severance Offer and the terms in this Release and Indemnity for the purpose of making full and final compromise, adjustment and settlement of all claims I have had, now have or may in future have against the Releasees, or any of them. SIGNED, SEALED AND DELIVERED on this _________ day of ________ , 2024, ___________________________________ Steve Rai Please provide us with your contact information should further correspondence be required. ___________________________________ ____________________ Phone # Personal Email Â EX-31.1 3 bb-08312024x10qexhibit311.htm EX-31.1 DocumentExhibit 31.1 Certification of CEOPursuant to SectionÂ 302 of the Sarbanes-Oxley Act of 2002 I, John Giamatteo, certify that:1.I have reviewed this Quarterly Report on Form 10-Q of BlackBerry Limited;2.Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;3.Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;4.The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:a.Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;b.Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;c.Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; andd.Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and5.The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent function):a.All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; andb.Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting.Date: September 27, 2024/s/ John GiamatteoName: John GiamatteoTitle: Chief Executive Officer EX-31.2 4 bb-08312024x10qexhibit312.htm EX-31.2 DocumentExhibit 31.2 Certification of CFOPursuant to SectionÂ 302 of the Sarbanes-Oxley Act of 2002 I, Tim Foote, certify that:1.I have reviewed this Quarterly Report on Form 10-Q of BlackBerry Limited;2.Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;3.Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;4.The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:a.Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;b.Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;c.Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; andd.Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and5.The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent function):a.All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; andb.Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting.Date: September 27, 2024/s/ Tim FooteName: Tim FooteTitle: Â Â Chief Financial Officer EX-32.1 5 bb-08312024x10qexhibit321.htm EX-32.1 DocumentExhibit 32.1 Certification of CEOPursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002 In connection with the Quarterly Report of BlackBerry Limited (the â€œRegistrantâ€) on Form 10-Q for the quarter ended August 31, 2024, as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), John Giamatteo, as Chief Executive Officer of the Registrant, hereby certifies, pursuant to 18 U.S.C. Â§ 1350, as adopted pursuant to Â§ 906 of the Sarbanes-Oxley Act of 2002, that:Â Â Â Â (1)Â Â Â Â The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; andÂ Â Â Â (2)Â Â Â Â The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Registrant.Â /s/ John GiamatteoName: John GiamatteoTitle: Â Â Chief Executive OfficerDate: September 27, 2024 EX-32.2 6 bb-08312024x10qexhibit322.htm EX-32.2 DocumentExhibit 32.2 Certification of CFO Pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002 In connection with the Quarterly Report of BlackBerry Limited (the â€œRegistrantâ€) on Form 10-Q for the quarter ended August 31, 2024, as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), Tim Foote, as Chief Financial Officer of the Registrant, hereby certifies, pursuant to 18 U.S.C. Â§ 1350, as adopted pursuant to Â§ 906 of the Sarbanes-Oxley Act of 2002, that:Â Â Â Â (1)Â Â Â Â The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; andÂ Â Â Â (2)Â Â Â Â The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Registrant.Â /s/ Tim FooteName: Tim FooteTitle: Chief Financial OfficerDate: September 27, 2024 EX-101.SCH 7 bbry-20240831.xsd XBRL TAXONOMY EXTENSION SCHEMA DOCUMENT 9952151 - Document - Cover link:presentationLink link:calculationLink link:definitionLink 9952152 - Statement - Consolidated Balance Sheets link:presentationLink link:calculationLink link:definitionLink 9952153 - Statement - Consolidated Balance Sheets (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952154 - Statement - Consolidated Statements of Shareholders' Equity link:presentationLink link:calculationLink link:definitionLink 9952155 - Statement - Consolidated Statements of Operations link:presentationLink link:calculationLink link:definitionLink 9952156 - Statement - Consolidated Statements of Comprehensive Income (Loss) link:presentationLink link:calculationLink link:definitionLink 9952157 - Statement - Consolidated Statements of Comprehensive Income (Loss) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952158 - Statement - Consolidated Statements of Cash Flows link:presentationLink link:calculationLink link:definitionLink 9952159 - Disclosure - Blackberry Limited and Summary of Significant Accounting Policies and Critical Accounting Estimates link:presentationLink link:calculationLink link:definitionLink 9952160 - Disclosure - Fair Value Measurements, Cash, Cash Equivalents and Investments link:presentationLink link:calculationLink link:definitionLink 9952161 - Disclosure - Consolidated Balance Sheets Details link:presentationLink link:calculationLink link:definitionLink 9952162 - Disclosure - Income Taxes link:presentationLink link:calculationLink link:definitionLink 9952163 - Disclosure - Debentures link:presentationLink link:calculationLink link:definitionLink 9952164 - Disclosure - Capital Stock link:presentationLink link:calculationLink link:definitionLink 9952165 - Disclosure - Earnings (Loss) Per Share link:presentationLink link:calculationLink link:definitionLink 9952166 - Disclosure - Accumulated Other Comprehensive Loss link:presentationLink link:calculationLink link:definitionLink 9952167 - Disclosure - Commitments and Contingencies link:presentationLink link:calculationLink link:definitionLink 9952168 - Disclosure - Revenue and Segment Disclosures link:presentationLink link:calculationLink link:definitionLink 9952169 - Disclosure - Cash Flow and Additional Information link:presentationLink link:calculationLink link:definitionLink 9954471 - Disclosure - Blackberry Limited and Summary of Significant Accounting Policies and Critical Accounting Estimates (Policies) link:presentationLink link:calculationLink link:definitionLink 9954472 - Disclosure - Fair Value Measurements, Cash, Cash Equivalent and Investments (Tables) link:presentationLink link:calculationLink link:definitionLink 9954473 - Disclosure - Consolidated Balance Sheets Details (Tables) link:presentationLink link:calculationLink link:definitionLink 9954474 - Disclosure - Debentures (Tables) link:presentationLink link:calculationLink link:definitionLink 9954475 - Disclosure - Capital Stock (Tables) link:presentationLink link:calculationLink link:definitionLink 9954476 - Disclosure - Earnings (Loss) Per Share (Tables) link:presentationLink link:calculationLink link:definitionLink 9954477 - Disclosure - Accumulated Other Comprehensive Loss (Tables) link:presentationLink link:calculationLink link:definitionLink 9954478 - Disclosure - Revenue and Segment Disclosure (Tables) link:presentationLink link:calculationLink link:definitionLink 9954479 - Disclosure - Cash Flow and Additional Information (Tables) link:presentationLink link:calculationLink link:definitionLink 9954480 - Disclosure - Fair Value Measurements - Non-Recurring Fair Value Measurements (Details) link:presentationLink link:calculationLink link:definitionLink 9954481 - Disclosure - Cash, Cash Equivalents and Investments - Components of Cash, Cash Equivalents and Investments (Details) link:presentationLink link:calculationLink link:definitionLink 9954482 - Disclosure - Cash, Cash Equivalents and Investments - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink 9954483 - Disclosure - Cash, Cash Equivalent, Restricted Cash, and Restricted Cash Equivalent Presented in the Consolidated Statements of Cash Flow (Details) link:presentationLink link:calculationLink link:definitionLink 9954484 - Disclosure - Cash, Cash Equivalents and Investments - Contractual Maturities of Available-for-Sale Investments (Details) link:presentationLink link:calculationLink link:definitionLink 9954485 - Disclosure - Consolidated Balance Sheets Details - Accounts Receivable (Details) link:presentationLink link:calculationLink link:definitionLink 9954486 - Disclosure - Consolidated Balance Sheets Details - Other Current Assets (Details) link:presentationLink link:calculationLink link:definitionLink 9954487 - Disclosure - Consolidated Balance Sheets Detail - Property, Plant and Equipment (Details) link:presentationLink link:calculationLink link:definitionLink 9954488 - Disclosure - Consolidated Balance Sheets Detail - Intangible Assets (Details) link:presentationLink link:calculationLink link:definitionLink 9954489 - Disclosure - Consolidated Balance Sheets Details Consolidated Balance Sheet Details - Changes to Carrying Amount of Goodwill (Details) link:presentationLink link:calculationLink link:definitionLink 9954490 - Disclosure - Consolidated Balance Sheets Detail - Accrued Liabilities (Details) link:presentationLink link:calculationLink link:definitionLink 9954491 - Disclosure - Consolidated Balance Sheets Detail - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink 9954492 - Disclosure - Consolidated Balance Sheets Details (Details) - Restructuring link:presentationLink link:calculationLink link:definitionLink 9954493 - Disclosure - Income Taxes - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink 9954494 - Disclosure - Debentures (Details) link:presentationLink link:calculationLink link:definitionLink 9954495 - Disclosure - Debentures - Change in Fair Value (Details) link:presentationLink link:calculationLink link:definitionLink 9954496 - Disclosure - Debentures - Impact of Changes in Fair Value of Debentures (Details) link:presentationLink link:calculationLink link:definitionLink 9954497 - Disclosure - Capital Stock - Changes in Issued and Outstanding Common Shares (Details) link:presentationLink link:calculationLink link:definitionLink 9954498 - Disclosure - Capital Stock - Subsequent event (Details) link:presentationLink link:calculationLink link:definitionLink 9954499 - Disclosure - Earnings (Loss) Per Share - Summary of Basic and Diluted Earnings Per Share (Details) link:presentationLink link:calculationLink link:definitionLink 9954500 - Disclosure - Accumulated Other Comprehensive Loss - Components of Accumulated Other Comprehensive Income (Loss) (Details) link:presentationLink link:calculationLink link:definitionLink 9954501 - Disclosure - Commitments and Contingencies (Details) link:presentationLink link:calculationLink link:definitionLink 9954502 - Disclosure - Commitments and Contingencies - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink 9954503 - Disclosure - Revenue and Segment Disclosures - Operating results by operating segments (Details) link:presentationLink link:calculationLink link:definitionLink 9954504 - Disclosure - Revenue and Segment Disclosures - Reconciliation of Operating Profit (Loss) from Segments to Consolidated (Details) link:presentationLink link:calculationLink link:definitionLink 9954505 - Disclosure - Revenue and Segment Disclosures (Details) - Additional Details link:presentationLink link:calculationLink link:definitionLink 9954506 - Disclosure - Revenue and Segment Disclosures - Revenue from External Customers by Geographic Areas (Details) link:presentationLink link:calculationLink link:definitionLink 9954507 - Disclosure - Revenue and Segment Disclosures Revenue classified by timing of recognition (Details) link:presentationLink link:calculationLink link:definitionLink 9954508 - Disclosure - Revenue and Segment Disclosures Revenue Contract Balances (Details) link:presentationLink link:calculationLink link:definitionLink 9954509 - Disclosure - Revenue and Segment Disclosures -Transaction price allocated to the remaining performance obligations (Details) link:presentationLink link:calculationLink link:definitionLink 9954510 - Disclosure - Revenue and Segment Disclosures - Long-lived Assets and Total Assets by Geographic Areas (Details) link:presentationLink link:calculationLink link:definitionLink 9954511 - Disclosure - Cash Flow and Additional Information - Interest and Income Taxes Paid (Details) link:presentationLink link:calculationLink link:definitionLink 9954512 - Disclosure - Additional Information - Additional Information (Details) link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 8 bbry-20240831_cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE DOCUMENT EX-101.DEF 9 bbry-20240831_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE DOCUMENT EX-101.LAB 10 bbry-20240831_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE DOCUMENT Date of first interest payment Date of first interest payment Date of first interest payment Contract with Customer, Performance Obligation Satisfied in Previous Period Contract with Customer, Performance Obligation Satisfied in Previous Period Restructuring Reserve, Current Restructuring Reserve, Current Customer Two [Member] Customer Two [Member] Customer Two Adjustments to reconcile net loss to net cash provided by (used in) operating activities: Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Condensed Balance Sheet Statements, Captions [Line Items] Condensed Balance Sheet Statements, Captions [Line Items] Range [Domain] Statistical Measurement [Domain] Finite-Lived Intangible Assets, Net, Amortization Expense, Fiscal Year Maturity [Abstract] Finite-Lived Intangible Assets, Net, Amortization Expense, Fiscal Year Maturity [Abstract] Cover [Abstract] Net increase (decrease) in cash, cash equivalents, restricted cash, and restricted cash equivalents during the period Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Including Exchange Rate Effect Leasehold improvements and other Leasehold improvements and other [Member] Buildings leaseholds and other. Trading Symbol Trading Symbol Segment Reporting Information [Line Items] Segment Reporting Information [Line Items] Schedule of Cash. Cash Equivalents and Investments [Table] Cash and Cash Equivalent [Table] Extension Debenture - extend Maturity Date Extension Debenture - option to extend Maturity Date Extension Debenture - option to extend Maturity Date Bank Balances and Other Investments [Domain] Bank Balances and Other Investments [Domain] Bank Balances and Other Investments [Domain] Income taxes paid during the period Income Taxes Paid, Net Goodwill Goodwill and Intangible Assets, Goodwill, Policy [Policy Text Block] Executive Chair and CEO [Member] Executive Chair and CEO [Member] Executive Chair and CEO [Member] Revenue, Remaining performance obligation time frame [Domain] Revenue, Remaining performance obligation time frame [Domain] [Domain] for Revenue, Remaining performance obligation time frame [Axis] Accounts receivable, net of allowance Increase (Decrease) in Accounts Receivable Results of Arbitrations and Legal Proceedings [Line Items] Results of Arbitrations and Legal Proceedings [Line Items] [Line Items] for Results of Arbitrations and Legal Proceedings [Table] Debt Instrument Future Periodic Payment Interest - Annual Debt Instrument Future Periodic Payment Interest - Annual Debt Instrument Future Periodic Payment Interest - Annual Major customer axis [Domain] Major customer axis [Domain] Major customer axis [Domain] Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction, Start Date [Axis] Revenue, Remaining performance obligation time frame [Axis] Revenue, Remaining performance obligation time frame [Axis] 2027 Finite-Lived Intangible Asset, Expected Amortization, Year Three Common outstanding (in shares) Capital stock outstanding, Shares, Beginning Balance Capital stock outstanding, Shares, Ending Balance Common Stock, Shares, Outstanding Patent sale consideration no later than third anniversary date of closing Patent sale consideration no later than third anniversary date of closing Patent sale consideration no later than third anniversary date of closing Operating lease liabilities Operating Lease, Liability, Noncurrent Revenue from Contract with Customer [Abstract] Revenue from Contract with Customer [Abstract] Decrease in deferred commission Decrease in deferred commission Decrease in deferred commission Liabilities, Total Liabilities, Total [Member] United States UNITED STATES Letters of credit terms Letters of Credit, Lease Term Letters of Credit, Lease Term Other long-term assets (note 3) Other Assets, Noncurrent Entity Tax Identification Number Entity Tax Identification Number Operating lease liabilities, current (included in accruals) Operating lease liabilities, current (included in accruals) Operating lease liabilities, current (included in accruals) Cost Finite-Lived Intangible Assets, Gross Schedule of Finite-Lived Intangible Assets [Table] Intangible Asset, Finite-Lived [Table] Schedule of Debentures Schedule of Long-Term Debt Instruments [Table Text Block] Fair Value Cash, Cash Equivalents And Investments Cash Cash Equivalents And Investments At Fair Value Cash, cash equivalents and investments at fair value. Payments for Legal Settlements Payments for Legal Settlements Percentage of accounts payable denominated in foreign currencies Percentage Of Accounts Payable Denominated In Foreign Currencies Percentage of accrued liabilities denominated in foreign currencies. Total Operating Segments Operating Segments [Member] Expiry date of contingent performance-based cash award Expiry date of contingent performance-based cash award Expiry date of contingent performance-based cash award Revenue Contract Balances [Line Items] Revenue Contract Balances [Line Items] [Line Items] for Revenue Contract Balances [Table] Net cash provided by (used in) operating activities Net Cash Provided by (Used in) Operating Activities Cash flows from operating activities Net Cash Provided by (Used in) Operating Activities [Abstract] Voting Common Stock [Member] Voting Common Stock [Member] Voting Common Stock [Member] Income taxes payable (note 4) Taxes Payable, Current U.S. treasury bills US Treasury Securities [Member] Components of Accumulated Other Comprehensive Loss Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block] Acquisition of restricted short-term investments Payments to Acquire Restricted Investments Equity Components [Axis] Equity Components [Axis] Other current assets (note 3) Other Assets, Current Facilities Costs Facility Closing [Member] Revenue classified by timing of recognition [Line Items] Revenue classified by timing of recognition [Line Items] [Line Items] for Revenue classified by timing of recognition [Table] Restructuring Type [Axis] Restructuring Type [Axis] Total Debt Securities, Available-for-Sale Accounts Receivable Accounts Receivable [Policy Text Block] Return of capital on Limited Partnership Investments Proceeds from Limited Partnership Investments Entity Common Stock, Shares Outstanding Entity Common Stock, Shares Outstanding Use of estimates Use of Estimates, Policy [Policy Text Block] Entity Small Business Entity Small Business Revenue Contract Balances [Table] Revenue Contract Balances [Table] Revenue Contract Balances [Table] Geographical [Axis] Geographical [Axis] Payments of Debt Issuance Costs Payments of Debt Issuance Costs Level 3: Level 3 Fair Value, Inputs, Level 3 [Member] Europe, Middle East and Africa EMEA [Member] Intangible assets acquired during the period Finite-Lived Intangible Assets Acquired Derivative liability, fair value of collateral Derivative Liability, Fair Value of Collateral Debenture implied discount Debenture implied discount Debenture implied discount Realized gains (losses) on non-marketable equity investments without readily determinable fair value sold during the period Realized gains (losses) on non-marketable equity investments without readily determinable fair value sold during the period Realized gains (losses) on non-marketable equity investments without readily determinable fair value sold during the period Accounts Receivable, Allowance for Credit Loss Accounts Receivable, Allowance for Credit Loss [Table Text Block] Common shares issued for employee share purchase plan Stock Issued During Period, Shares, Employee Stock Purchase Plans Accrued liabilities (note 3) Accrued liabilities total Accrued Liabilities, Current CEWS second extension date of program CEWS latest extension date of program CEWS latest extension date of program Increase (Decrease) in Contract Receivables, Net Increase (Decrease) in Contract Receivables, Net Fair Value Measurements, Cash, Cash Equivalents and Investments Cash, Cash Equivalents, and Short-Term Investments [Text Block] Payments for Restructuring Payments for Restructuring Transaction Price Allocated to the Remaining Performance Obligation Revenue, Remaining Performance Obligation, Expected Timing of Satisfaction [Table Text Block] Cash, cash equivalents, restricted cash, and restricted cash equivalents, beginning of period Cash, cash equivalents, restricted cash, and restricted cash equivalents, end of period Cash, Cash Equivalents, Restricted Cash and Restricted Cash Equivalents, Total Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Qualcomm Incorporated Qualcomm Incorporated [Member] Qualcomm Incorporated [Member] Current Assets, Current [Abstract] Proceeds on sale, maturity or distribution from long-term investments Proceeds From Sale And Maturity Of Long Term Marketable Securities And Other Investments The cash inflow associated with the aggregate amount received by the entity through sale or maturity of long-term marketable securities (trading, held-to-maturity, or available-for-sale) and other investments during the period. Goodwill (note 3) Carrying amount as of beginning of period Carrying amount as of end of period Goodwill Consolidation Items [Axis] Consolidation Items [Axis] Accounts Receivable, Allowance for Credit Loss Accounts Receivable, Allowance for Credit Loss, Beginning Balance Accounts Receivable, Allowance for Credit Loss, Ending Balance Accounts Receivable, Allowance for Credit Loss Other comprehensive income (loss) Other Comprehensive Income (Loss), Net of Tax [Abstract] Income tax refunds received during the period Proceeds from Income Tax Refunds Decrease due to payment, fulfillment of performance obligations, or other Decrease in deferred revenue due to payment, fulfillment of performance obligations, or other Decrease in deferred revenue due to payment, fulfillment of performance obligations, or other Net loss for basic and diluted loss per share available to common shareholders Income (Loss) from Continuing Operations, Net of Tax, Attributable to Parent Share-based Compensation [Abstract] Share-Based Payment Arrangement, Noncash Expense [Abstract] Cybersecurity Cybersecurity [Member] Cybersecurity Employee Stock Option [Member] Share-Based Payment Arrangement, Option [Member] Goodwill [Roll Forward] Goodwill [Roll Forward] Less than 12 months Less than 12 months [Member] Less than 12 months [Domain] Comprehensive loss Comprehensive Income (Loss), Net of Tax, Attributable to Parent Litigation Settlement Interest Litigation Settlement Interest Other Comprehensive Income (Loss), Financial Liability, Fair Value Option, Reclassification Adjustment from AOCI for Derecognition, before Tax Other Comprehensive Income (Loss), Financial Liability, Fair Value Option, Reclassification Adjustment from AOCI for Derecognition, before Tax Other receivables Increase (Decrease) in Other Receivables Security Exchange Name Security Exchange Name Acquisition of long-term investments Payments to Acquire Long-Term Investments Ownership percentage by arms length party, common shares Ownership Percentage by Arms Length Party, Common Shares Ownership Percentage by Arms Length Party, Common Shares Schedule of Revenue from External Customers and Long-Lived Assets, by Geographical Areas Schedule of Revenue from External Customers and Long-Lived Assets, by Geographical Areas [Table Text Block] Cumulative Effect, Period of Adoption, Adjustment Cumulative Effect, Period of Adoption, Adjustment [Member] Debt Instrument, Maturity Date Range, End Debt Instrument, Maturity Date Range, End Licensing Licensing and Other [Member] Licensing and Other Deferred Revenue Deferred Revenue [Member] Deferred Revenue 2020 Debentures 2020 Debentures [Member] 2020 Debentures Convertible debt, number of shares upon conversion (in shares) Debt Instrument, Convertible, Number of Equity Instruments Property, plant and equipment, net (note 3) Net book value Property, Plant and Equipment, Net Maximum ownership allowed after converting 1.75% Debenture Maximum ownership allowed after converting Extension Debenture Maximum ownership allowed after converting Extension Debenture Maturities of 2020 Debentures and Extension Debentures (note 6) Repayments of Debt Total liabilities Liabilities Schedule of Cash and Cash Equivalents Schedule of Cash and Cash Equivalents [Table Text Block] Long-Lived Assets Long-Lived Assets Total Revenue Rate Percentage Of Revenue Attributable To Major Geographic Segments Percentage of revenue attributable to major geographic segments. Percentage of cash, cash equivalents and investments threshold used to determine major issuer Percent Of Cash Equivalents And Investments Threshold Used To Determine Major Issuers Percent of cash equivalents and investments threshold used to determine major issuers. Research and development Research and Development Expense Components of Cash, Cash Equivalents and Investments Schedule Of Cash Cash Equivalents And Investments By Major Components Table [Text Block] Components of cash, cash equivalents and investments. Cash flows from investing activities Net Cash Provided by (Used in) Investing Activities [Abstract] Subsegments [Axis] Subsegments [Axis] Increase in deferred commission Increase in deferred commission Increase in deferred commission Operating Lease, Liability, Current Operating Lease, Liability, Current Common issued (in shares) Common Stock, Shares, Issued Transaction price allocated to the remaining performance obligations [Table] Transaction price allocated to the remaining performance obligations [Table] Transaction price allocated to the remaining performance obligations [Table] Income taxes payable Increase (Decrease) in Income Taxes Payable Other Comprehensive Income (Loss), Financial Liability, Fair Value Option, Unrealized Gain (Loss) Arising During Period, after Tax Other Comprehensive Income (Loss), Financial Liability, Fair Value Option, Unrealized Gain (Loss) Arising During Period, after Tax Concentration risk, percentage Concentration Risk, Percentage Results of Arbitrations and Legal Proceedings [Table] Results of Arbitrations and Legal Proceedings [Table] Results of Arbitrations and Legal Proceedings [Table] Interest expense, debt adjustment impact on EPS Interest expense, debt adjustment impact on EPS Interest expense, debt adjustment impact on EPS Accumulated amortization Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment Cost of property, plant and equipment Property, Plant and Equipment, Gross Exercise of stock options Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercises in Period Other regions Other Regions [Member] Other Regions Debt Instrument [Line Items] Debt Instrument [Line Items] Debt Instrument Future Periodic Payment Interest - Quarterly Debt Instrument Future Periodic Payment Interest - Quarterly Debt Instrument Future Periodic Payment Interest - Quarterly Basis of presentation and preparation Basis of Accounting, Policy [Policy Text Block] Weighted Average Number of Shares Outstanding, Diluted, Total (in shares) Weighted Average Number of Shares Outstanding, Diluted Change in Fair Value From Instrument-Specific Credit Risk On Debentures Accumulated Gain (Loss), Financial Liability, Fair Value Option, Attributable to Parent [Member] Impairment Of Right of Use Assets Impairment Of Right of Use Assets Impairment Of Right of Use Assets Extension Debentures Extension Debentures [Member] Extension Debentures Long-term Debt, Type [Axis] Long-Term Debt, Type [Axis] Income (charge) associated with the change in fair value from instrument-specific credit components recorded in AOCL Other Comprehensive Income (Loss), Financial Liability, Fair Value Option, Unrealized Gain (Loss) Arising During Period, before Tax Payments to Acquire Intangible Asset Held Payments to Acquire Intangible Asset Held Payments to Acquire Intangible Asset Held Bank balances Demand Deposits [Member] Total shareholders' equity Beginning Balance Ending Balance Equity, Attributable to Parent Supplemental Cash Flow Information Schedule of Cash Flow, Supplemental Disclosures [Table Text Block] Proceeds from issuance of Extension Debentures and Notes, net (note 6) Proceeds from Issuance of Debt Due in one year or less Debt Securities, Available-for-Sale, Fair Value, Maturity, Allocated and Single Maturity Date, Year One Restructuring Reserve, Noncurrent Restructuring Reserve, Noncurrent Manufacturing, repair and research and development equipment Manufacturing Equipment Research And Development Equipment And Tooling [Member] Manufacturing equipment, research and development equipment, and tooling Cash, Cash Equivalents and Investments [Line Items] Cash and Cash Equivalents [Line Items] Litigation Case [Axis] Litigation Case [Axis] Deferred income taxes Deferred Income Tax Expense (Benefit) Unrecognized tax benefits included within taxes payable Unrecognized tax benefits included within taxes payable Unrecognized tax benefits included within taxes payable Changes to Carrying Amount of Goodwill Schedule of Goodwill [Table Text Block] Accounting Standards Update [Domain] Accounting Standards Update [Domain] Concentration Risk Type [Domain] Concentration Risk Type [Domain] Revenue by Product and Service Type Revenue by Type [Table Text Block] Revenue by Type [Table Text Block] No fixed maturity Debt Securities, Available-for-Sale, Maturity, without Single Maturity Date, Amortized Cost Investment income, net (note 2 and note 5) Investment Income, Net Collateral of outstanding letters of credit Letters of Credit Outstanding, Amount Entity Address, Country Entity Address, Country Accounts Receivable, Allowance for Credit Loss, Writeoff Accounts Receivable, Allowance for Credit Loss, Writeoff Equity Securities without Readily Determinable Fair Value, Downward Price Adjustment, Annual Amount Equity Securities without Readily Determinable Fair Value, Downward Price Adjustment, Annual Amount Other comprehensive income (loss) Other Comprehensive Income (Loss), Net of Tax, Portion Attributable to Parent Other Current Assets - Other Amounts Other Current Assets - Other Amounts Other Current Assets - Other Amounts Accounts Receivable, after Allowance for Credit Loss, Current Accounts Receivable, after Allowance for Credit Loss, Current Conversion price (in dollars per share) Debt Instrument, Convertible, Conversion Price Revenues from External Customers and Long-Lived Assets [Line Items] Revenues from External Customers and Long-Lived Assets [Line Items] Debt Securities, Available-for-sale, Continuous Unrealized Loss Position, 12 Months or Longer Debt Securities, Available-for-Sale, Continuous Unrealized Loss Position, 12 Months or Longer Long-Term Debt Long-Term Debt Document Fiscal Period Focus Document Fiscal Period Focus Exchange [Domain] Exchange [Domain] Equity securities Equity Securities [Member] Schedule of Company's Restructuring Schedule of Restructuring Reserve by Type of Cost [Table Text Block] Available-for-Sale Debt Securities AOCI, Accumulated Gain (Loss), Debt Securities, Available-for-Sale, Parent [Member] 2026 Finite-Lived Intangible Asset, Expected Amortization, Year Two Assets Assets [Abstract] Other comprehensive income Other Comprehensive Income (Loss), Net of Tax Patent Abandonment, Cost Patent Abandonment, Cost Patent Abandonment, Cost Segment Reporting, Reconciling Item for Operating Profit (Loss) from Segment to Consolidated [Line Items] Segment Reporting, Reconciling Item for Operating Profit (Loss) from Segment to Consolidated [Line Items] Document Type Document Type Commercial paper Commercial Paper [Member] Schedule of Segment Reporting Information, by Segment Schedule of Segment Reporting Information, by Segment [Table Text Block] Common shares issued for restricted share unit settlements Stock Issued During Period, Shares, Restricted Stock Award, Gross Total Debt Securities, Available-for-Sale, Amortized Cost Debentures (note 5) Short-Term Debt, Fair Value Increase (Decrease) In Contract Assets Increase Decrease In Contract with Customer, Asset, Net - Current and Non-Current Increase Decrease In Contract with Customer, Asset, Net - Current and Non-Current Unrecognized tax benefits netted against deferred income taxes Unrecognized tax benefits netted against deferred income taxes Unrecognized tax benefits netted against deferred income taxes Related Party Principal Amounts of Extension Debenture Owned Related Party Principal Amounts of Extension Debenture Owned Related Party Principal Amounts of Extension Debenture Owned Maximum Maximum [Member] Amortization expenses related to intangible assets Amortization of Intangible Assets Furniture and Fixtures [Member] Furniture and Fixtures [Member] Intangible assets, net (note 3) Net Book Value Finite-Lived Intangible Assets, Net Accounts payable Accounts Payable, Current Liabilities Liabilities [Abstract] Revenue Revenues [Abstract] Gain (Loss) Related to Litigation Settlement Gain (Loss) from Litigation Settlement Current Fiscal Year End Date Current Fiscal Year End Date Increase in contract receivable Increase in contract asset Increase in contract asset Short-term Investments Short-Term Investments Range [Axis] Statistical Measurement [Axis] Loss before income taxes Income (Loss) from Continuing Operations before Income Taxes, Noncontrolling Interest GTC Lawsuit [Member] GTC Lawsuit [Member] GTC Lawsuit [Member] CEWS received after this date are subject to repayment if certain conditions are not met CEWS received after this date are subject to repayment if certain conditions are not met CEWS received after this date are subject to repayment if certain conditions are not met Patent Abandonment, Net Book Value Patent Abandonment classified as impairment of LLA, Net Book Value Patent Abandonment classified as impairment of LLA, Net Book Value Consolidated Balance Sheet [Abstract] Consolidated Balance Sheet [Abstract] Consolidated Balance Sheet [Abstract] Impairment of goodwill Goodwill, Impairment Loss Derivative asset, fair value of collateral Derivative Asset, Fair Value of Collateral Products and services transferred over time Transferred over Time [Member] Other Post-Employment Benefit Obligations Other Post-Employment Benefit Obligations [Member] Other Post-Employment Benefit Obligations Funds from claim filed with Ministry of Innovation, Science and Economic Development Canada relating to Strategic Innovation Fund Program Funds from claim filed with Ministry of Innovation, Science and Economic Development Canada relating to Strategic Innovation Fund Program Funds from claim filed with Ministry of Innovation, Science and Economic Development Canada relating to Strategic Innovation Fund Program Subsequent Event Type [Domain] Subsequent Event Type [Domain] Class of Stock [Line Items] Class of Stock [Line Items] Entity Listings, Exchange [Axis] Entity Listings, Exchange [Axis] New Accounting Pronouncements New Accounting Pronouncements, Policy [Policy Text Block] Class of Stock [Axis] Class of Stock [Axis] Debentures Long-Term Debt [Text Block] Earnings (Loss) Per Share, Diluted (in usd per share) Earnings Per Share, Diluted FairÂ Value Debt Securities, Available-for-Sale, Maturity, Allocated and Single Maturity Date, Fair Value [Abstract] Exchange shares related to Cylance acquisition Exchange shares related to business combination Exchange shares related to business combination Finite-Lived Intangible Assets by Major Class [Axis] Finite-Lived

Intangible Assets by Major Class [Axis] Proceeds on sale or maturity of restricted short-term investments Proceeds from Sale of Restricted Investments Accumulated Amortization Finite-Lived Intangible Assets, Accumulated Amortization Entity Interactive Data Current Entity Interactive Data Current Type of Restructuring [Domain] Type of Restructuring [Domain] Other accrued liabilities greater than five percent of current liabilities Other Accrued Liabilities Greater than Five Percent of Current Liabilities Other Accrued Liabilities Greater than Five Percent of Current Liabilities Canada CANADA Fair Value Inputs, Entity Credit Risk Fair Value Inputs for Debenture - Entity Credit Risk Fair Value Inputs for Debenture - Entity Credit Risk Number of Operating Segments Number of Operating Segments Common Stock, Amount [Roll Forward] Common Stock, Amount [Roll Forward] Common Stock, Amount [Roll Forward] Current assets Current assets [Member] Current assets Litigation original amount awarded to other party before correction Litigation original amount awarded to other party before correction Litigation original amount awarded to other party before correction Customer [Axis] Customer [Axis] Percent of debt holders (not less than) Debt Instrument, Debt Default, Percent Of Debt Holders Debt Instrument, Debt Default, Percent Of Debt Holders Statement of Financial Position [Abstract] Statement of Financial Position [Abstract] Restructuring and Integration Restructuring and Related Activities Disclosure [Text Block] Government subsidies Government subsidies Government subsidies Change in Fair Value of Debentures [Roll Forward] Change in Fair Value of Debentures [Roll Forward] Change in Fair Value of Debentures Stock-based compensation Share-Based Payment Arrangement, Noncash Expense Accounts Receivable, Allowance for Credit Loss, Relating to Customers Evaluated Separately Accounts Receivable, Allowance for Credit Loss, Relating to Customers Evaluated Separately Accounts Receivable, Allowance for Credit Loss, Relating to Customers Evaluated Separately Other current assets greater than five percent of current assets Other Current Assets Greater than five percent of Current Assets Other Current Assets Greater than Five Percent of Current Assets Selling and Marketing Expense Selling and Marketing Expense Contingent Consideration Type [Domain] Contingent Consideration Type [Domain] Proceeds on sale of property, plant and equipment (note 4) Proceeds from Sale of Property, Plant, and Equipment Provision for income taxes (note 4) Income Tax Expense (Benefit) Selling Marketing And Administration Expenses Selling Marketing And Administration Expenses [Member] Selling marketing and administration Interest rate Debt Instrument, Interest Rate, Stated Percentage Accounts Receivable, Allowance for Credit Loss [Roll Forward] Accounts Receivable, Allowance for Credit Loss [Roll Forward] Supplemental Cash Flow Information [Abstract] Supplemental Cash Flow Information [Abstract] Capital Stock Shareholders' Equity and Share-Based Payments [Text Block] Net loss for diluted loss per share available to common shareholders Net Income (Loss) Available to Common Stockholders, Diluted Acquisition of intangible assets Payments to Acquire Intangible Assets Payments to Acquire Intangible Assets Other long-term liabilities Increase (Decrease) in Other Noncurrent Liabilities Patent sale cash consideration on closing Patent sale cash consideration on closing Patent sale cash consideration on closing Statement of Comprehensive Income [Abstract] Statement of Comprehensive Income [Abstract] Concentration Risk Benchmark [Domain] Concentration Risk Benchmark [Domain] Effective Income Recovery (Expense) Tax Rate Reconciliation, Percent Effective Income Tax Rate Reconciliation, Percent Net cash provided by investing activities Net Cash Provided by (Used in) Investing Activities Operating loss Operating Income (Loss) AOCI Including Portion Attributable to Noncontrolling Interest, Net of Tax [Roll Forward] AOCI Including Portion Attributable to Noncontrolling Interest, Net of Tax [Roll Forward] Total liabilities and shareholders' equity Liabilities and Equity Deferred Commissions Deferred commission [Member] Deferred commission Deferred Share Unit Deferred Stock Unit [Member] Deferred stock unit. 3.75% Debenture 3.75% Debenture [Member] 3.75% Debenture [Member] Fair Value Hierarchy and NAV [Axis] Fair Value Hierarchy and NAV [Axis] Ministry of Innovation, Science and Development Canada [Member] Ministry of Innovation, Science and Development Canada [Member] Ministry of Innovation, Science and Development Canada Accumulated Other Comprehensive Income (Loss) [Line Items] Accumulated Other Comprehensive Income (Loss) [Line Items] Commitments and Contingencies Disclosure [Abstract] Commitments and Contingencies Disclosure [Abstract] Number of customers that comprised more than 10% of total revenue Segment Reporting, Disclosure of Major Customers Subsegments Consolidation Items [Domain] Subsegments Consolidation Items [Domain] Finite-Lived Intangible Assets, Major Class Name [Domain] Finite-Lived Intangible Assets, Major Class Name [Domain] Common Stock, Value, Outstanding Common Stock, Value, Outstanding Common Stock, Value, Outstanding AOCI Attributable to Parent AOCI Attributable to Parent [Member] Earnings Per Share, Diluted, by Common Class, Including Two Class Method [Line Items] Earnings Per Share, Diluted, by Common Class, Including Two Class Method [Line Items] Related Party Principal Amounts of 1.75% Debenture Owned Related Party Principal Amounts of 1.75% Debenture Owned Related Party Principal Amounts of 1.75% Debenture Owned Cash Flow Hedges Accumulated Gain (Loss), Net, Cash Flow Hedge, Parent [Member] Other-than- temporary Impairment Other than Temporary Impairment Losses, Investments Balance Sheet Related Disclosures [Abstract] Balance Sheet Related Disclosures [Abstract] US Government Agencies Debt Securities [Member] US Government Agencies Debt Securities [Member] Long-term Debt, Type [Domain] Long-Term Debt, Type [Domain] Entity Address, State or Province Entity Address, State or Province After 24 months After 24 months [Member] After 24 months [Domain] Property, Plant and Equipment [Line Items] Property, Plant and Equipment [Line Items] Statement [Line Items] Statement [Line Items] Decrease in contract asset Decrease in contract asset Decrease in contract asset 1.75% Debenture 1.75% Debenture [Member] 1.75% Debenture Reconciliation of Operating Profit (Loss) from Segments to Consolidated Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Table Text Block] Related party principal amounts of 3.75% debenture owned Related Party Principal Amounts of 3.75% Debenture Owned Related Party Principal Amounts of 3.75% Debenture Owned Patent Abandonment, Accumulated Amortization Patent Abandonment, Accumulated Amortization Patent Abandonment, Accumulated Amortization Operating expenses Operating Expenses [Abstract] Other Long-Term Assets Greater than Five Percent of Total Assets Other Long-Term Assets Greater than Five Percent of Total Assets Other Long-Term Assets Greater than Five Percent of Total Assets Property, Plant and Equipment Property, Plant and Equipment [Table Text Block] Financial Instruments [Domain] Financial Instruments [Domain] Major customer axis [Axis] Major customer axis [Axis] Major customer axis Credit Loss, Financial Instrument Credit Loss, Financial Instrument [Policy Text Block] Bearer deposit notes Bankers Acceptance [Member] Legal Recoveries Legal Recoveries Legal Recoveries Number of customers with a balance greater than 10% of total accounts receivable Number of Customers With a Balance Greater than 10% of Total Accounts Receivable Number of Customers With a Balance Greater than 10% of Total Accounts Receivable Charges incurred Restructuring and Related Cost, Incurred Cost Minimum Minimum [Member] Payments To Acquire Long Term Marketable Securities And Other Investments Payments To Acquire Long Term Marketable Securities And Other Investments The cash outflow associated with the purchase by the entity of long-term marketable securities (trading, held-to-maturity, or available-for-sale) and other investments during the period. Accumulated Other Comprehensive Loss Comprehensive Income [Member] Other receivables (note 3) Other Receivables Government Assistance, Amount, Cumulative, Current Government Assistance, Asset, Current Variable incentive accrual Accrued Bonuses Equity Securities without Readily Determinable Fair Value, Impairment Loss, Cumulative Amount Equity Securities without Readily Determinable Fair Value, Impairment Loss, Cumulative Amount Income taxes receivable Increase (Decrease) in Income Taxes Receivable Schedule of Property, Plant and Equipment [Table] Property, Plant and Equipment [Table] Concentration Risk % [Axis] Concentration Risk % [Axis] Concentration Risk % Operating Lease, Right-of-Use Asset Operating Lease, Right-of-Use Asset Debt instrument repurchased - interest amount Debt instrument repurchased - interest amount Debt instrument repurchased - interest amount Segments [Axis] Segments [Axis] Schedule of Other Current Assets Schedule of Other Current Assets [Table Text Block] Debt Instrument, Repurchase Date Debt Instrument, Repurchase Date Earnings (Loss) Per Share Earnings Per Share [Text Block] Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Table] Reconciliation of Operating Profit (Loss) from Segments to Consolidated [Table] Employee share purchase plan Stock Issued During Period, Value, Employee Stock Purchase Plan Subsequent Event [Member] Subsequent Event [Member] Exercise of stock options Stock Issued During Period, Value, Stock Options Exercised Convertible Debt Convertible Debt [Table Text Block] Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, after Tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), before Reclassification, after Tax Shareholders' Equity Equity, Attributable to Parent [Abstract] Non-U.S. treasury bills Non Us Treasury Bills Notes [Member] Non-US Treasury Bills notes. Cost Basis Cash Cash Equivalents And Investments At Cost Cash, cash equivalents and investments at cost. Subsegments [Domain] Subsegments [Domain] Long-term investments (note 2) Long-Term Investments Schedule of Earnings Per Share, Diluted, by Common Class, Including Two Class Method [Table] Earnings Per Share, Diluted, by Common Class, Including Two-Class Method [Table] Segments [Domain] Segments [Domain] Debt Instrument, Repurchase Amount Debt Instrument, Repurchase Amount 2028 Finite-Lived Intangible Asset, Expected Amortization, Year Four Other Countries Other Countries [Member] Other Countries. CEWS current extension date of program CEWS current extension date of program CEWS current extension date of program Debentures fair value adjustment Income (charge) associated with the change in fair value from non-credit components recorded in the consolidated statements of operations Fair Value, Option, Changes in Fair Value, Gain (Loss) Income Tax Disclosure [Abstract] Income Tax Disclosure [Abstract] 1.75% Debenture - impact of changes in fair value 1.75% Debenture - impact of changes in fair value [Table Text Block] 1.75% Debenture - impact of changes in fair value Accounts Receivable, Allowance for Credit Loss, Relating to CECL Estimated for Long-term Accounts Receivable Accounts Receivable, Allowance for Credit Loss, Relating to CECL Estimated for Long-term Accounts Receivable Accounts Receivable, Allowance for Credit Loss, Relating to CECL Estimated for Long-term Accounts Receivable Statement of Stockholders' Equity [Abstract] Statement of Stockholders' Equity [Abstract] Employee Termination Benefits One-time Termination Benefits [Member] Property, Plant and Equipment, Type [Axis] Long-Lived Tangible Asset [Axis] Changes in Issued and Outstanding Common Shares Changes In Issued And Outstanding Common Shares Table [Text Block] Changes in issued and outstanding common shares. Accrued Liabilities Impaired Assets to be Disposed of by Method Other than Sale [Line Items] Revenue Classified by Timing of Recognition Revenue classified by timing of recognition [Table Text Block] [Table Text Block] for Revenue classified by timing of recognition [Table] Common Stock [Roll Forward] Common Stock, Shares [Roll Forward] Common Stock, Shares [Roll Forward] Schedule of Long-Lived Assets to be Abandoned [Table] Disposal Groups, Including Discontinued Operations [Table] Customer One [Member] Customer One [Member] Customer One Deferred Revenue Deferred Revenue Deferred Revenue Restructuring Cost and Reserve Restructuring Cost and Reserve [Line Items] Capital stock and additional paid-in capital Additional Paid in Capital [Abstract] Local Phone Number Local Phone Number Revenue Contract Balances Revenue Contract Balances [Table Text Block] [Table Text Block] for Revenue Contract Balances [Table] Percentage of accounts receivable denominated in foreign currencies Percentage Of Accounts Receivable Denominated In Foreign Currencies Percentage of accounts receivable denominated in foreign currencies. Percentage change of control Par Value Repurchase, Percentage, Change of Control Par Value Repurchase, Percentage, Change of Control Total operating expenses Operating Expenses Debt Instrument, Convertible, Number of Equity Instruments - with decimals Debt Instrument, Convertible, Number of Equity Instruments - with decimals Debt Instrument, Convertible, Number of Equity Instruments - with decimals Conversion of stock (in shares) Conversion of Stock, Shares Converted Government Assistance, Statement of Financial Position [Extensible Enumeration] Government Assistance, Asset, Statement of Financial Position [Extensible Enumeration] Gain on sale of investment (note 3) Gain (Loss) on Sale of Investments Other assets Increase (Decrease) in Other Operating Assets Net changes in working capital items Increase (Decrease) in Operating Capital [Abstract] Cumulative Effect, Period of Adoption [Domain] Cumulative Effect, Period of Adoption [Domain] One Customer One Customer [Member] One Customer Revenue Contract Balances [Abstract] Revenue Contract Balances [Abstract] Revenue Contract Balances [Abstract] Property, Plant and Equipment, Type [Domain] Long-Lived Tangible Asset [Domain] Schedule of Accrued Liabilities Schedule of Accrued Liabilities [Table Text Block] Income Statement Location [Axis] Statement of Income Location, Balance [Axis] Intellectual property disposed of by sale Intellectual property disposed of by sale Intellectual property disposed of by sale Long-lived Assets and Total Assets by Geographic Areas Long-Lived Assets by Geographic Areas [Table Text Block] Proceeds on sale or maturity of short-term investments Proceeds from Sale and Maturity of Debt Securities, Available-for-Sale Commitments and Contingencies Commitments and Contingencies Disclosure [Text Block] 2030 Finite-Lived Intangible Asset, Expected Amortization, after Year Five US Government-sponsored Enterprises Debt Securities US Government-sponsored Enterprises Debt Securities [Member] Debt Disclosure [Abstract] Debt Disclosure [Abstract] Impairment of long-lived assets (note 2) Impairment, Long-Lived Asset, Held-for-Use Debentures fair value impact on EPS Debentures fair value impact on EPS Debentures fair value impact on EPS. Included if the fair value change in the Debentures is dilutive in the period. Asset Class [Domain] Asset Class [Domain] Patent sale variable consideration constrained Patent sale variable consideration constrained Patent sale variable consideration constrained Long Lived Assets Held-for-sale by Asset Type [Axis] Long-Lived Asset, Held-for-Sale, Type [Axis] Percentage of cash and cash equivalents denominated in foreign currencies Percentage Of Cash And Cash Equivalents Denominated In Foreign Currencies Percentage of cash and cash equivalents denominated in foreign currencies. Entity Emerging Growth Company Entity Emerging Growth Company Segment Reporting [Abstract] Segment Reporting [Abstract] Other investments Other Investments [Member] Entity Central Index Key Entity Central Index Key BlackBerry operations and other information technology Technology Equipment [Member] Foreign Currency Cumulative Translation Adjustment Accumulated Foreign Currency Adjustment Attributable to Parent [Member] Related Party Principal Amounts of 2020 Debenture Owned Related Party Principal Amounts of 2020 Debenture Owned Related Party Principal Amounts of 2020 Debenture Owned Interest rate to present value long-term restructuring liability Interest rate to present value long-term restructuring liability Interest rate to present value long-term restructuring liability Equity Component [Domain] Equity Component [Domain] Accrued Royalties Accrued Royalties Eligible Item or Group for Fair Value Option [Axis] Financial Instrument [Axis] CEWS subsidy - % of eligible employee's employee insurable renumeration CEWS subsidy - % of eligible employee's employee insurable renumeration CEWS subsidy - % of eligible employee's employee insurable renumeration Revenue and Segment Disclosures Segment Reporting Disclosure [Text Block] Unpaid principal balance Debt Instrument, Unpaid Principal Balance Debt Instrument, Unpaid Principal Balance Subsegments Consolidation Items [Axis] Subsegments Consolidation Items [Axis] Text Block [Abstract] Periodic payment, interest Debt Instrument, Periodic Payment, Interest Adoption Pronouncements Not Yet Adopted Accounting Standards Update and Change in Accounting Principle [Text Block] Stock-based compensation APIC, Share-Based Payment Arrangement, Increase for Cost Recognition Entity Shell Company Entity Shell Company Entity Incorporation, State or Country Code Entity Incorporation, State or Country Code Accounting Standards Update 2016-02 Accounting Standards Update 2016-02 [Member] Capitalized Contract Cost, Net Capitalized Contract Cost, Net Capitalized Contract Cost, Net Statement [Table] Statement [Table] Debenture total fair value adjustment Debenture total fair value adjustment Debenture total fair value adjustment Debenture total fair value adjustment Interest expense, debt Interest Expense, Debt Summary of Significant Accounting Policies and Critical Accounting Estimates Significant Accounting Policies [Text Block] Unrecognized Tax Benefits Unrecognized Tax Benefits Consolidation Items [Domain] Consolidation Items [Domain] Patent sale financing component Patent sale financing component Patent sale financing component City Area Code City Area Code Current Liabilities, Current [Abstract] Contract with Customer, Asset, Net - Current and Non-Current Contract with Customer, Asset, Net - Current and Non-Current Contract with Customer, Asset, Net - Current and Non-Current Contract with Customer, Asset, Net - Current and Non-Current Realized charges associated with the change in fair value from credit components recorded in the consolidated statement of operations on redemption Realized charges associated with the change in fair value from credit components recorded in the consolidated statement of operations on redemption Realized charges associated with the change in fair value from credit components recorded in the consolidated statement of operations on redemption Business acquisitions, net of cash acquired Change in consideration for business acquisition Change in consideration for business acquisition Interest paid during the period Interest Paid, Excluding Capitalized Interest, Operating Activities Restricted Short-term Investments Restricted Investments Acquisition of short-term investments Payments to Acquire Short-Term Investments Concentration Risk Benchmark [Axis] Concentration Risk Benchmark [Axis] Level 1: Fair Value, Inputs, Level 1 [Member] Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax CapitalÂ Stock andÂ Additional Paid-inÂ Capital Common Stock Including Additional Paid in Capital [Member] Gain on Disposition of Assets Gain (Loss) on Disposition of Assets Assets, Current, Total Assets, Current Statement of Cash Flows [Abstract] Statement of Cash Flows [Abstract] Par value of convertible debentures Debt Conversion, Converted Instrument, Amount Accrued liabilities Increase (Decrease) in Accrued Liabilities Common shares repurchased Payments for Repurchase of Common Stock Document Information [Line Items] Document Information [Line Items] Debt Securities, Available-for-Sale, Unrealized Loss Debt Securities, Available-for-Sale, Unrealized Loss Schedule of Long-term Debt Instruments [Table] Schedule of Long-Term Debt Instruments [Table] Accounting Standards Update [Axis] Accounting Standards Update [Axis] Schedule of Segment Reporting Information, by Segment [Table] Schedule of Segment Reporting Information, by Segment [Table] Accumulated Other Comprehensive Income (Loss) [Table] Accumulated Other Comprehensive Income (Loss) [Table] Equity Securities without Readily Determinable Fair Value, Amount Equity Securities without Readily Determinable Fair Value, Amount Subsequent Event Type [Axis] Subsequent Event Type [Axis] Term deposits, and certificates of deposits Bank Time Deposits [Member] Income Taxes Income Tax Disclosure [Text Block] Unrealized Losses Cash Cash Equivalents And Investments Unrealized Losses Cash, cash equivalents and investments unrealized losses. Loss per share (note 7) Earnings Per Share [Abstract] Equity [Abstract] Equity [Abstract] Deficit Retained Earnings (Accumulated Deficit) Redemption period, end date Debt Instrument, Redemption Period, End Date Effect of foreign exchange on non-U.S. dollar denominated goodwill Goodwill, Translation and Measurement Period Adjustments Class of Stock [Domain] Class of Stock [Domain] Other acquired intangibles Other Acquired Technology [Member] Other Acquired Technology [Member] Non-U.S. promissory notes Non Us Government Promissory Notes [Member] Non Us Government Promissory Notes [Member] General and Administrative Expense General and Administrative Expense Litigation Settlement, Amount Awarded to Other Party Litigation Settlement, Amount Awarded to Other Party Organization, Consolidation and Presentation of Financial Statements [Abstract] Organization, Consolidation and Presentation of Financial Statements [Abstract] Net cash provided by financing activities Net Cash Provided by (Used in) Financing Activities Corporate notes/bonds Corporate Bonds And Notes [Member] Corporate Bonds And Notes [Member] Operating leases Operating lease cash flow Operating lease cash flow Deferred revenue, current (note 10) Deferred Revenue, Current Ownership percentage, common shares Ownership Percentage, Common Shares Ownership Percentage, Common Shares Legal Fees Legal Fees Amendment Flag Amendment Flag IoT IoT [Member] IoT Current period recovery for expected credit losses Accounts Receivable, Allowance for Credit Loss, Period Increase (Decrease) Long-term notes (note 5) Debenture, Fair Value, beginning balance Debenture, Fair Value, ending balance Long-Term Debt, Fair Value Entity Registrant Name Entity Registrant Name Gain on Disposition of Property Plant Equipment Gain (Loss) on Disposition of Property Plant Equipment Products and services transferred at a point in time Transferred at Point in Time [Member] Amortization Depreciation, Depletion and Amortization Timing of Transfer of Good or Service [Axis] Timing of Transfer of Good or Service [Axis] Investments that are communicated to the third party for consideration of reasonableness, threshold limit for fair values Investments That Are Communicated To Third Party For Consideration Of Reasonableness Threshold Limit For Fair Value Investments That Are Communicated To Third Party For Consideration Of Reasonableness Threshold Limit For Fair Value Gross margin Segment gross margin Gross Profit Customer Concentration Risk [Member] Customer Concentration Risk [Member] Cash Flow and Additional Information Cash Flow, Supplemental Disclosures [Text Block] Due in one year or less Debt Securities, Available-for-Sale, Amortized Cost, Maturity, Allocated and Single Maturity Date, Year One Level 2: Fair Value, Inputs, Level 2 [Member] Fair Value, Measurements, Fair Value Hierarchy [Domain] Fair Value Hierarchy and NAV [Domain] Revenue Contract Balances [Domain] Revenue Contract Balances [Domain] [Domain] for Revenue Contract Balances [Axis] Geographical [Domain] Geographical [Domain] Property, Plant and Equipment [Member] Property, Plant and Equipment [Member] Face amount of debt Debt Instrument, Face Amount Entity Address, Postal Zip Code Entity Address, Postal Zip Code Schedule of Restructuring and Related Costs [Table] Restructuring Cost [Table] Equity Securities, FV-NI, Unrealized Loss Equity Securities, FV-NI, Unrealized Loss Concentration Risk Type [Axis] Concentration Risk Type [Axis] Common shares: authorized unlimited number of non-voting, redeemable, retractable Class A common shares and unlimited number of voting common shares Issued - 590,727,996 voting common shares (February 29, 2024 - 589,232,539) Common Stock, Value, Issued Restructuring Charges, Statement of Income or Comprehensive Income [Extensible Enumeration] Restructuring Charges, Statement of Income or Comprehensive Income [Extensible Enumeration] Revenue Contract Balances [Axis] Revenue Contract Balances [Axis] Revenue Contract Balances [Axis] Restricted cash and cash equivalents (note 2) Restricted Cash and Investments Other Comprehensive Income (Loss), Financial Liability, Fair Value Option, Unrealized Gain (Loss) Arising During Period, Tax Other Comprehensive Income (Loss), Financial Liability, Fair Value Option, Unrealized Gain (Loss) Arising During Period, Tax Cash and cash equivalents (note 2) Cash and Cash Equivalents, at Carrying Value Other Noncurrent Assets [Member] Other Noncurrent Assets [Member] Debt Securities, Available-for-Sale, Unrealized Gain Debt Securities, Available-for-Sale, Unrealized Gain Finite-Lived Intangible Assets [Line Items] Finite-Lived Intangible Assets [Line Items] Other Receivables Greater than Five Percent of Current Assets Other Receivables Greater than Five Percent of Current Assets Other Receivables Greater than Five Percent of Current Assets Other Current Liabilities [Member] Other Current Liabilities [Member] Net change in deferred commission Net change in deferred commission Net change in deferred commission Cash flows from financing activities Net Cash Provided by (Used in) Financing Activities [Abstract] Equity Securities, FV-NI, Unrealized Gain Equity Securities, FV-NI, Unrealized Gain Preferred shares: authorized unlimited number of non-voting, cumulative, redeemable and retractable Preferred Stock, Value, Issued Senior Convertible Notes Senior Convertible Notes [Member] Senior Convertible Notes Amortization Depreciation, Depletion and Amortization, Nonproduction Earnings (Loss) Per Share, Basic (in usd per share) Earnings Per Share, Basic Accounts payable Increase (Decrease) in Accounts Payable Executive Chair Grant Liability Executive Chair Grant Liability Executive Chair Grant Liability Issuance of common shares Proceeds from Issuance of Common Stock Patent sale variable consideration recognized on sale Patent sale variable consideration recognized on sale Patent sale variable consideration recognized on sale Finance Lease, Principal Payments Finance Lease, Principal Payments Non-cash consideration received from contracts with customers Non-cash consideration received from contracts with customers Non-cash consideration received from contracts with customers Schedule of Stock by Class [Table] Stock, Class of Stock [Table] Total current liabilities Liabilities, Current Revenue classified by timing of recognition [Table] Revenue classified by timing of recognition [Table] Revenue classified by timing of recognition [Table] Assets Assets Assets 2025 Finite-Lived Intangible Asset, Expected Amortization, Year One Long Lived Assets Held-for-sale, Name [Domain] Long-Lived Assets Held-for-Sale, Name [Domain] Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, Tax Income taxes receivable Income Taxes Receivable, Current Cash and Cash Equivalents [Abstract] Cash and Cash Equivalents [Abstract] Acquisition of property, plant and equipment Payments to Acquire Property, Plant, and Equipment Other long-term liabilities Other Liabilities, Noncurrent 12 to 24 months 12 to 24 months [Member] 12 to 24 months [Domain] Proceeds from Legal Settlements Proceeds from Legal Settlements Cumulative Effect, Period of Adoption [Axis] Cumulative Effect, Period of Adoption [Axis] Interest and Debt Expense Interest and Debt Expense Title of 12(g) Security Title of 12(g) Security Contingent performance-based cash award Contingent performance-based cash award Contingent performance-based cash award to the Company's Executive Chair and CEO Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Revenues Total Revenue Revenues Transaction price allocated to the remaining performance obligations [Line Items] Transaction price allocated to the remaining performance obligations [Line Items] [Line Items] for Transaction price allocated to the remaining performance obligations [Table] Assets, Total Assets, Total [Member] Revenue from External Customers by Geographic Areas Revenue from External Customers by Geographic Areas [Table Text Block] Entity Address, City or Town Entity Address, City or Town Fair Value, Option, Aggregate Differences, Long-term Debt Instruments Fair Value, Option, Aggregate Differences, Long-Term Debt Instruments Debt Instrument [Axis] Debt Instrument [Axis] Unrealized Gains Cash Cash Equivalents And Investments Unrealized Gains Cash, cash equivalents and investments unrealized gains. Government Subsidies Government Subsidies, Policy [Policy Text Block] Government Subsidies, Policy Non-U.S. government sponsored enterprise notes Non Us Government Sponsored Enterprise Notes [Member] Non-US Government Sponsored Enterprise Notes. Net loss Net loss Net Income (Loss) Attributable to Parent Accounting Standards Update 2016-13 Accounting Standards Update 2016-13 [Member] Accumulated Other Comprehensive Loss Comprehensive Income (Loss) Note [Text Block] Loss Contingencies [Table] Loss Contingencies [Table] Intangible Assets Schedule of Finite-Lived Intangible Assets [Table Text Block] Contractual Maturities of Available-for-Sale Investments Available For Sale Securities Debt Maturities Table [Text Block] Available For Sale Securities Debt Maturities. Entity File Number Entity File Number Patent sale consideration in the form of potential future royalty Patent sale consideration in the form of potential future royalty Patent sale consideration in the form of potential future royalty Acquired technology Acquired Technology [Member] Acquired Technology. Document Fiscal Year Focus Document Fiscal Year Focus Income Statement [Abstract] Income Statement [Abstract] Entity Address, Address Line One Entity Address, Address Line One Other comprehensive income before reclassification OCI, before Reclassifications, before Tax, Attributable to Parent Debt Instrument, Name [Domain] Debt Instrument, Name [Domain] Effect of foreign exchange loss on cash, cash equivalents, restricted cash, and restricted cash equivalents Effect of Exchange Rate on Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Continuing Operations Other Other Accrued Liabilities, Current 2029 Finite-Lived Intangible Asset, Expected Amortization, Year Five Document Period End Date Document Period End Date Deferred revenue, non-current (note 10) Deferred Revenue, Noncurrent Contingent Consideration by Type [Axis] Contingent Consideration by Type [Axis] Investment, Policy Investment, Policy [Policy Text Block] Other Other Noncash Income (Expense) Concentration Risk % [Domain] Concentration Risk % [Domain] [Domain] for Concentration Risk % No fixed maturity Debt Securities, Available-for-Sale, Maturity, without Single Maturity Date, Fair Value Revenue recognized on patent sale Revenue recognized on patent sale Revenue recognized on patent sale Deferred revenue Increase (Decrease) in Deferred Revenue Increase (Decrease) in Deferred Revenue Asset Class [Axis] Asset Class [Axis] Consolidated Balance Sheet Details Supplemental Balance Sheet Disclosures [Text Block] Timing of Transfer of Good or Service [Domain] Timing of Transfer of Good or Service [Domain] Segment Reconciling Items Segment Reporting, Reconciling Item, Excluding Corporate Nonsegment [Member] 3.75% Debenture - impact of changes in fair value 3.75% Debenture - impact of changes in fair value [Table Text Block] 3.75% Debenture - impact of changes in fair value Debt Instrument, Interest Rate Terms Debt Instrument, Interest Rate Terms Other Current Assets Other Current Assets [Member] Schedule of Basic and Diluted Earnings Per Share Schedule of Basic and Diluted Earnings Per Share [Table Text Block] [Table Text Block] for Schedule of Basic and Diluted Earnings Per Share [Table] Nokia Corporation [Member] Nokia Corporation [Member] Nokia Corporation [Member] Intellectual property Intellectual Property [Member] CostÂ Basis Debt Securities, Available-for-Sale, Amortized Cost, Fiscal Year Maturity [Abstract] Cost of sales Cost of Revenue Deferred Revenue, Additions Deferred Revenue, Additions Accounts and Other Receivable Accounts Receivable [Member] Patent sale other receivable recognized Patent sale other receivable recognized Patent sale other receivable recognized Restricted Cash and Cash Equivalents Restricted Cash and Cash Equivalents, Noncurrent Document Transition Report Document Transition Report Document Quarterly Report Document Quarterly Report

Equity Securities without Readily Determinable Fair Value, Upward Price Adjustment, Annual Amount Equity Securities without Readily Determinable Fair Value, Upward Price Adjustment, Annual Amount Segment gross margin Segment gross margin Segment gross margin 10-day average closing price for cash award 10-day average closing price for cash award 10-day average closing price for contingent performance cash award to the Company's Executive Chair and CEO Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, after Tax Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, after Tax Patent sale long-term receivable recognized on sale Patent sale long-term receivable recognized on sale Patent sale long-term receivable recognized on sale Litigation Case [Domain] Litigation Case [Domain] Customer [Domain] Customer [Domain] Fair Value, Recurring and Nonrecurring [Table] Fair Value, Recurring and Nonrecurring [Table] Accumulated other comprehensive loss (note 8) Accumulated Other Comprehensive Income (Loss), Net of Tax Entity Current Reporting Status Entity Current Reporting Status Gain (Loss) on Equity Securities without Readily Determinable Fair Value Gain (Loss) on Securities [Table Text Block] Deficit Retained Earnings [Member] Amortization of Debt Issuance Costs Amortization of Debt Issuance Costs Interest rate in event of default Debt Instrument, Interest Rate in Event of Default Debt Instrument, Interest Rate in Event of Default Litigation Settlement Litigation Settlement, Fee Expense Weighted-average number of shares outstanding (000's) - basic and diluted (in shares) Weighted Average Number of Shares Outstanding, Basic Licensing Licensing [Member] Licensing Schedule of Revenues from External Customers and Long-Lived Assets [Table] Schedule of Revenues from External Customers and Long-Lived Assets [Table] Document Information [Table] Document Information [Table] Restricted Share Units (RSUs) Restricted Stock Units (RSUs) [Member] Debt Securities, Available-for-sale, Realized Gain (Loss) Debt Securities, Available-for-Sale, Realized Gain (Loss) North America North America [Member] Accounts Receivable, Allowance for Credit Loss, Relating to CECL Estimated Based on Days Past Due and Region Accounts Receivable, Allowance for Credit Loss, Relating to CECL Estimated Based on Days Past Due and Region Accounts Receivable, Allowance for Credit Loss, Relating to CECL Estimated Based on Days Past Due and Region OCI, Foreign Currency Transaction and Translation Gain (Loss), Arising During Period, Tax OCI, Foreign Currency Transaction and Translation Gain (Loss), Arising During Period, Tax Increase (Decrease) in Stockholders' Equity [Roll Forward] Increase (Decrease) in Stockholders' Equity [Roll Forward] Sales Revenue, Net [Member] Revenue Benchmark [Member] Litigation Settlement, Amount Awarded from Other Party Litigation Settlement, Amount Awarded from Other Party Entity Filer Category Entity Filer Category Amounts reclassified from AOCL into net loss Reclassification from AOCI, Current Period, Net of Tax, Attributable to Parent Restructuring reserve Restructuring Reserve Revenue, Remaining Performance Obligation, Amount Revenue, Remaining Performance Obligation, Amount Dilutive Securities, Effect on Basic Earnings Per Share, Dilutive Convertible Securities (in shares) Incremental Common Shares Attributable to Dilutive Effect of Conversion of Debt Securities Income Statement Location [Domain] Statement of Income Location, Balance [Domain] Cost of sales Cost of Revenue [Abstract] Panasonic Corporation [Member] Panasonic Corporation [Member] Panasonic Corporation [Member] Loss Contingencies Line Items] Loss Contingencies [Line Items] Condensed Balance Sheet Statement [Table] Condensed Balance Sheet Statement [Table] EX-101.PRE 11 bbry-20240831_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE DOCUMENT GRAPHIC 12 steverai-separationagree001.jpg begin 644 steverai-separationagree001.jpg

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C&!&QGU7P6Y3]A#QHG2SCAE5O^1-/P0BUSPR0]QE6&?RO3P!\M+!NXPM>7(_NEY@MNTBP5L;J%#.?MZ
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&DY87ONC;#KW!KB@P<^,$I/2&UIM;!K=J=OX_&+<\`,&AXBB=7MUD2F/GQ)RGM#JN*9^N*DRL`RQ[EJN
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;;M9RQW;\/(A@V$JJ3MG0K@>M\;7M$/V&(\@F=$[`>0<5M@8;7*LK_)1=4L5OUN8K,9_J[QA3Q&ZKO
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;^BX/V36XP>=2-=<XLT?(;J[:]RUVX:J>\)-O-QR9:@_21BC>0GJ72'&1N<+F*(>;MW=CNMD^E_@F
24)5TL<?!0@5Q!OWP$N*U7/!QK2Y\1E1*%@#2*(X<<>2-$QK)W\1S[SV%3LUH<CO^0]_\>=;?K+UAX
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%B&T3I58'_6K6Q2F:HTLQB:WQ[D+"DWFIW?[(*&&L9MW#%W7%Q(*LZ<D;/!+5J?+1$-!/*`3\SH"K.
MRDX:/KB/R0MF)N)TD9M7Y2!20IK'T8'OE>MQIW$JKK[<PV%`LD;WS/A'3LP.D+`K.T7?"IQC<1-;L
F2M8`L^11EJ(&>EJ8,6H-\]DWK6>[`MV\HHMZE*A%\JKTKS6$O5C[XYE6^X%_=\P8(J#]8%/F_LJ/B

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P@>.G+`R!6`Q>T5K3AM!]3Y'L@`<VUG"U5K>^0@>8WD$AUMY*Z'@JO>]4ZZ#`:+B7A:N^%)[<[&D
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V`T:-K`)]8U@N(E9Y6?%`?;6;M?=!ELW;\:Z!CNP1;\#&S"OAG,-'?5G5:UWK#V8,K:LKD5WZ;M$
[+7D+7D]FG5RNP;Q%=JGR9*\HEE8]-JJ5A`2L\>0:2Z-&(!<H]>?NYKN9>V,K:LKD%1XW?`]#EJ?</PF:
YS%0G
K7>44M1Q`)Q,R5]%7/MGHRQXF)2?X?`,RG?J8%@V=9=2T@%]%HN
PG@Q:N=BJQ=WGZ@J=VO,4=`=50@UHM-&\%,`YO-PD_^%&JX?/(!GT@]P^`,`7[Y%]E?A]#]&F<4'4W
+1'1PC+$*;GWW<^)Y6C\@W7?7A+;Z4,TF.VEO?X=3N]A%>%[J[NUQ<NN+X^T!1T%J#W2:+`Y?9P.C$
)SVPK,J$?O(NA<EBD@6M/D\1I/V@9NF(9B0MVLHB@`J#Q8.I:7VKCQF`:X`$\@L;7'1K,.B^B\(`=7`

@M7FN\0`S"!;5ZR/^4(N=;H]R,?I7OR7V1&7\:G+;N7\#;P,(U8@QE9>9+G$4`^KHE7TB%A>ESO
4=/4`0S7!%F@`J(7`T:WA0HX1/Y4J^@J4H\4GD#2X-[5K,<N+E,\)W?Y[*.K3PO.%'H@9/C2&C%F!XQ
;PNUX6D>_NA+VTV:R+"^B,,JJGU]1G4'J/8OE;3%]-+*N1\5<QA\6HQXG)WOT,&4QF*6)*`A2_=$J
T(\R,'K5PP`&A-)P1R_+%4_Y)!XP?$0K8FBSK_0Q;PGYAOFTXN,,%4M<(T?D7!,YUS6=:G[XAJ=M5
(UP>_2R1Y]!4)L2(8WK>]4#*'Q^`D0L/R*TR/1V/9$O^E!>1*$WO$5E42E]J8F;G0YZ4NYK^TU(+KQD^`
KM<8CWMCQ>GT_+/-GI#TW5?%*H&;UKG.8GH4>H`J$Y6U$4/UPZ*$GA2_?EH.6OGP]:80T;`!P,
`(;%YLPVJ7N)\``UFZ7@)W$%\1YU%>`WZ@6=TAWY!#;M3/>,FA%KH\`=L=`MR5]'?J,.'XT9'O"S7
'&9:8^;=;B3_QVT6:HR0YS#K0=A$,([M$E#M)+W-R!#X4.@9UVLM3VX(UC.K,9]6)[,.RJQ0.@V;E)R&
4TPG$?*>6'-4CCV`S>*PD'#.X,V:]5VS9K8\YAXE7O9!@YN2"&*VUQXI\'A$(Z;;TR4AQ=VX06XQ*A@
JL`;C*XF'#K:DEOP!PJ8XKJ'-AP(L0CG53S<1`QQ`0W3+NEY`O*?<=!S&XXX-0AV0;A&=!<I&>T_X
Y8&R[?E<0BB>1+YJ1HY#9=W,30)DV($4+9@U+6HE5>:=R$!]8=KOD1<EX^+D@!G;%;U0'DV&J&K
O1MEN6R.3DN3DB:[;U)<WOOC%?D>\!W2,9`-+,U`(>]53F`ITOB]S7+*$!7:HC6X^OL4\]/E

ME=Y07+W&N.J;'@)/]_@N4W@>]U;:YG^.L]C5GI+UB;U3XHH6X[I_;T7!9;X@I=3:M?Z4[1,8<F6
F`?'$;E"?Y5%#M5Y3;_Y/^:89/*0H8I=#T_]=$O'<;T:3C&0KS=-Y)S;+A3*H*G0^V.&P$8J?2+'V

1T:XFOHH.J\U"?&*'T6-0D8]5A$7E:S;1.AUF%PO/:P3R;3NHBK^A9Y#!HJ2L/J.-TXPQAL1E;6(MJ*4
0"JM@N@K%Z?W^8A]$*&@5O[DM?@IZ,+PGE+PX!VO-L<XI;MQ;=I9HGUJ"1S0RJ:E"H!'<9<Z+Y%B6\
I`A7%HC0L#@$>3RQ$\#^Z-BO/4&2>J9.2A^@O)D,/>0`7/AO\`@LLT@#)D.8UKWKJ9*

;!Q:U$PKM(9+Y])<KM::-0`FL:Q1,HY@PPDDIV=@!-(X$%KJF\$`PW'!ZJ7+M@MBY*'4=OKS^V84P

TA\!:!#<1@4=5FH9]K;JEL,@P;V<@T4!%$2UM#?1Q:H:UM)!FWU)Q)MUP.4O?4R!8Q9"9U/>-5'\3Z5Q
ATGB1;TW4;5NCPZO8#"`4$*EF,3C4>%>'X9G&8BO4P;@'I>!%V(:J6M*Y0CR=?P$]%RO!R3"S%I3AA
[A?N:0V#%JGN-GF%,QM]IE=R;:+)M,Z\GK*4C(R3_\O.ZMN'UF@J5S+Z'(0#&@,1=&]%)D^HX7_"

&UD3+W38?P/^YA#7*T\61+P'L&9?-$Z`!PI>[RV=OAD?]%;*^9B^<;@/V'U8G`)VLR0PO$)E!OG+PZ
-3Y.B<YZ@9DI)0+0-ZN*XH@.5G&V%F%;[E('Z;E'I:`G+EE`8S[5&S"U`5^7PO"2>!8S!;-M4SZ
O!4\TB,NI)'S;Y2'9IHLZ&Y0F1BL@#A&G@K8\;G=,<E/W?F=&TJD$/Y!D!&4O6XGU($*5FFZO;@E
XRT;D@7$L\&PG4&DSMW9`UL5J!KG]&/O=1K9U3*]!W^]F\N,A`#N;V2!2&UWUJ/07I!!XYT[B3D=
T]7UP4]0Y5LSI=*S&M@TRQC:E7]S1`>/<3F,FYV#=\DN4B$8P:MN=NIW;_K0G7J`2+8FZC]7V4]
6`^$9$2VEEN!+UF:Y=VK6%9R`K=(I)Y&L<,.!5B7[$6A-RQZB)8NAQ+O=8%%3D^K,]V`+&HL4!:;BB
K#^E@Y0+\L=1J?LTU5S$QT<<*)B;BGOWMF9`U]>1`4B6!N"QK=BVNIT;$FC04@>%&G6.X<6XS1R
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(6?`*8G[L#&J^G\_Q]K4-8Y:VHTIWG_O<+P2S$KN@/4>?/G#;H6J<<)6UB%$*3P/TF`D05/:!B2-G
:P-[E3P)2KD-F:1EA6.N/KA3MO\(2A_R*-&M#[;L^B,R%E5%MP'?#9MWVN&A$6-00/!)$`RR5A"C
AZ!XOSP$F*?20T&HM8%ZSOOX*DD;C9`1$(HX?%V&E;60UL)4/P3K?>I;DMS>UFV!@,0?%NAO
\FX!Y!5L'P!MJ'TL>MT/`T3AQ'I,A\F#PY%7W-7M?DN*3?@HIYR9SDO%'(B^8!1I=K
YC*)`/'8?KL1(LJ%9@81LMSP3!Q$$2DD'SVA&RH9KFHT#OHM%8,#`?3OA3@;5IU:>J2@QL
3D1M::T>J+WV#`WY'`,FRIYH!SS!ESQQ!S"G>@K0P6%!2RC"I3EJ#YR`!E\3OEBG\6%&Z1(DF-EN;VX5
EO9B]LW#?#-6P/9(HTAY]Y%N@PRDF40;W`_MQFA@4\`-:OE$`F?R]'Y`V'/#IDT]4;!%L_2[OU_DZR
B?*;6C;AUGRDS:-AF2NH[#6]0L=9$#'CKEJQUH:E;;5G"K#Q_;]HJEV0R)!0:N/V9S%G('JZ%\`
BDH4;R!&\+`"5%/'%&'M@_V`F,"6%TN;J'-D3T?\`:((9$)=>5`;D^2*Y1DH[U3Q@K2\'()5L\EQR
9R=D($$6-<\AQVK+:$IKW9*,!-?K\$!$I.50$1[!VHL8S?R2(H%+QZ&WT'$^(3&V?4<UFJ`BE\

```
=)#8:S+;::=.1M-NYKZX :2B*V@0R22$$[5'4\YNKZ5H(O)MK=9 M'$.#:Q%BJ=#EB>N<'I@DY74+Z\_M>_ OM137DU2&.QLDDD$3VVZ/)\L?(R%3
M(61@"@#TJ@D 9)P!7FMK?7LFL6W^G:B=?.LR1W-D9)/)2S$C@'R_N!/ M*"L'QDL1SDXKI?$(OA]JYT-VG>XM)HX=@*ER,J5&<')((% &CI_B31-5N
MGM=/U:RNIU!8QPSJS8!P2 #R,]ZTR0JEF( R2>U<)GDO%FN9#^^"PE M-O/R-\[#C&>^3S0!Z@K*Z*Z,&5AD$'((J.YN8;.UFNKF58H(4,DDC' 50,DG MV
KR*\U-;7P3IEMID^H"=-(:6*8ZC<1XN%4#RU503(X;^!OE [=<;M]_:=Q# MXLU$WVI)-9Z6'LXHIG2-9&M268*/O'=C&0[2 D@4''(YX8=*
(8O$.C3ZJVEPZK9R7ZD@VRS*7!')&,YR.X[5I5 MP'A76=/T_P &V.D26]R-9L;1A/9I;L9A.B,9&!QC+'<0V<,6')S6#;:GJES:
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1[FN[\=Z3%K:Z#I]Q&[P3:D5D*=4!MIP&![$'! M![% '07>L:;8IUN+;4+::&[< MQV[I*")7 )*J>Y 5N/8^EC:E&=3N];N+B>Y@5O+BGDMIV*CC(4;E7=U[]: /4
M8+ZTN8))X+F*2&-F1Y%<%593A@3[$$'TQ4&F:WI>LI(VF:A;7BQ$!S!('VYZ M9QZ]O6N7OPNI_"74+72=-EM72RDMSIX7YXV48>+_
&CP0#_%D'O65J^JM?:C MJ=_X:5Y?/TN#3(940HOVB25@HR1_RS5F8_W<\T =W_;^D?V0=6_M.T_LX"V MKSE\O.
[;C=T^]Q]:=IFMZ7K22/I>H6UXL1"R&"4/M)Y ..E:UIU M[IXL-/2!=0MHXI/.5450DJ@@#G**V,?QUN>#[*XAT=K^^C*:AJDIO;E3U0L! MLC_X @1/^ T
;QD02",NH=@6"YY(&,G'XC\ZBO;VWTZPN+Z[D$5M;Q-++(03 MM11DGCGH*Y/7;:&/XD:'>S2W,>^PN88BL\BQM-YD!1"%..1N)!X.WG.T8XV. M?5[_
,'ZRUUJ)DO'T&[^WV+3S2R>>4_YYLH6(J=PPO!![XS0![("& (Z'D4M M9M@\)U*]1+NXDF5(?,@<'RXGJ*YKP/>:6VM>);;3FB6%KU
M)8(XDVKY0MH$RHP!@,"/PJM)%:3KXN34[Z2QVZU;R_:44$QA([=XCR"-N5[C M'6@#K8]?T>72I-5CU2S;3X\
[[D3+Y:XZY;.*6_UW2=+MX;B_U*UMH9N8GEE" MAQC.1GJ, M??6)([N&)YX=,O);;8;C,/RNJX^]N9U# '&1UI;
MF\M(K70]WJ*@N=>TBSU"/3[G4K2&\D*A(7E 8[CA>/<]/7M M7'^&;&ZTS4_!UC<*5NH/#\Z72'^ !K?:I^AR!]#65XG:0>*=6"2,BFZLR^DM M$6;5-FPAT?
&5 X7C(_='=@$T >BKKVD/JITM=2M&OP2#;B4;\@9(QZXYQUQ1 M9Z]I&H7LMG9ZE:7%S$"7BBE#, #@\#T/!]#7G-F\H\70$.TD8URXE_L0Q'S+
M=B'7[27QRI^9\'Y?W@P<@4SP@UX-4TH6KI=.EG<+#83(T9T?F>>W!J>35]-A@LYY+^V2*] M=$M7:0 3,XRH0_Q$CICK6%XF?4+S1K/1'54OM7E^S3-
;,S+%!RTK!B 1\@*C MI\S"N>\866JIJ]K<+HK3V=G>V$.G>5,@5%$T;.=IY!8@+GH @]30!WDNMZ7! MJ.:;+J%LE\^-MN91O.>G'7G"K4=AXBT;5+R2SL-
4L[JYB!+Q0S*S* <'('H M3BN&L+W4]-\27D$-W(;ZYUTF73FM@0]LQ'[W?C.%CQALX^7;C-;/AJ\:UUZU MTG2-3DU/2C%,]PLEN%-
FVX%1O"CDEF&ULGC/:@#L=1U&TTJR>\O9?*@0J"VT ML26(50 2220 ,DFIX95G@CF3=LD4,NY2IP1GD'D'V/-HFVN$EOIG+PB%OG,1 M&Q4)VD/G<2.O)%
'I5%>::!J%X\.JC6]3U6VLTL]VG7 #>8]IYC8E/#9E^X# MD9V[3C+-75>-H=7N/".IQZ,\8N&M)AM,3/(^4.!'M88;/0\_2@#8O=0LM.CC
MDO;N&V2218D,KA=SL]NI1%;P1M+*YZ*H&2?RKBO&SK; M>%K8ZU)92ZG]J@,,D-NRD(+B)GVY+$?*H)Y[5I^-9X[GP2]Q"X>VDFM'=AT, M)GC+GZ;-U
&J_B318]3339-4M$OW*A;9Y0LF6&0-IYR01Q5M-0LI-0DT]+N% MKR-!(\ <%U4\ E>H%<;JMXVE>)YGT;4Y)M1O+VV%QI+6X967"(SAMNY0(QNW
M9VY%/CNM)C^*$T$#11/-I[12>6FW=,9:R2S/9Z@\E]]LE; M4[.0>(XH"L41"G#&, J0FT*<'!\T9(YPU)9TAL)!?_8)UU&]D'B)H"T,Y*+D M^6?
E&_=M'.!Y)P3W /7+>X@N[:.XMIHYH)5#QR1L&5U/0@CJ*KIJ^FR+>,E_ M:LMD2MTPE7$! R0YS\N!SS6!X,.I+X=T:.*QM[>Q6$K()9'$I(9AO52O1L!N
M2#\U.'Y$6.*/+;> 5##!'UH [A?%.@-ISZ@-8 MLOL<;B-YO.7:K'D*3G@]*C_X3#PW]A^V_P!NZ=]E\WR/.^T+M\S;NVYSUQSC
MTKG=!U">"]\3^);R6*ZLA;0*DMG;/&D[1+(6V!F8O]]5W X)&.U-.F0Z9H6E M7>L:N^E:L]U)J$MPD:N//D1E9#N4C"J^T=\(,4 =U;74%[:QW-K,DT$JAHY(
MVRK ]P:EK'\+7M_J/AJRN]3B\N[D5MP\LQ[@&(5MIY7 MQU2X@WWEB)!;2%VQ'O #$#.,D#&2*OT44 %%%% !1110 4444 %%%% !1110 M 4444 %%%%
!3702(R'.&!!P2#^8Z4ZB@"O86-MIFGV]C9Q"*VMXUBBC!)VJ M!@#)Y-6*** "BBB@ HHHH **** "H9;6">>">6)7E@):)C_2,$CWP2,^A/K M4U% !1110
4444 %%%% ",H92IZ$8/-1VUM#9VL5M;1+%!"@2.-!@*H& !4M M% !1110 4444 %0VUK!9QM';Q+&C.TC!>[,2S$^Y))J:B@ HHHH **** "BB MB@ HHHH
**** "BBB@ HHHH **** "J\=C;17T]['$%N)T1)7!/S!,[ XML 20 R1.htm IDEA: XBRL DOCUMENT
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~~Cover - shares~~ ~~6 Months Ended~~

~~Aug. 31, 2024~~

~~Sep. 24, 2024~~

~~Document Information [Line Items] Document Type10-Q Document Quarterly Reporttrue Document Period End DateAug. 31, 2024 Document Transition Reportfalse Entity File Number001-38232 Entity Registrant NameBlackBerry Limited Entity Incorporation, State or Country CodeZ4 Entity Tax Identification Number98-0164408 Entity Address, Address Line One2200 University Ave East Entity Address, City or TownWaterloo Entity Address, State or ProvinceON Entity Address, CountryCA Entity Address, Postal Zip CodeN2K 0A7 City Area Code(519) Local Phone Number888-7465 Title of 12(g) SecurityCommon Shares Trading SymbolBB Security Exchange NameNYSE Entity Current Reporting StatusYes Entity Interactive Data CurrentYes Entity Filer CategoryLarge Accelerated Filer Entity Small Businessfalse Entity Emerging Growth Companyfalse Entity Shell Companyfalse Entity Common Stock, Shares Outstanding 590,727,996Amendment Flagfalse Document Fiscal Year Focus2025 Document Fiscal Period FocusQ2 Entity Central Index Key0001070235 Current Fiscal Year End Date--02-28~~

~~- Definition~~

~~Boolean flag that is true when the XBRL content amends previously-filed or accepted submission.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~

~~Name:dei_AmendmentFlag Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Area code of city~~

~~+ References~~

~~No definition available.~~

~~+ Details~~

~~Name:dei_CityAreaCode Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~End date of current fiscal year in the format --MM-DD.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~

~~Name:dei_CurrentFiscalYearEndDate Namespace Prefix:dei_ Data Type:xbrli:gMonthDayItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Fiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~

~~Name:dei_DocumentFiscalPeriodFocus Namespace Prefix:dei_ Data Type:dei:fiscalPeriodItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~This is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~

~~Name:dei_DocumentFiscalYearFocus Namespace Prefix:dei_ Data Type:xbrli:gYearItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table.~~

~~***members defined in one or many axes to the table.***~~

~~***+ References***~~

~~***No definition available.***~~

~~***+ Details***~~

~~***Name:dei_DocumentInformationLineItems Namespace Prefix:dei_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***For the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD.***~~

~~***+ References***~~

~~***No definition available.***~~

~~***+ Details***~~

~~***Name:dei_DocumentPeriodEndDate Namespace Prefix:dei_ Data Type:xbrli:dateItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***Boolean flag that is true only for a form used as an quarterly report.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a***~~

~~***+ Details***~~

~~***Name:dei_DocumentQuarterlyReport Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***Boolean flag that is true only for a form used as a transition report.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1***~~

~~***+ Details***~~

~~***Name:dei_DocumentTransitionReport Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***The type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'.***~~

~~***+ References***~~

~~***No definition available.***~~

~~***+ Details***~~

~~***Name:dei_DocumentType Namespace Prefix:dei_ Data Type:dei:submissionTypeItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***Address Line 1 such as Attn, Building Name, Street Name***~~

~~***+ References***~~

~~***No definition available.***~~

~~***+ Details***~~

~~***Name:dei_EntityAddressAddressLine1 Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***Name of the City or Town***~~

~~***+ References***~~

~~***No definition available.***~~

~~***+ Details***~~

~~***Name:dei_EntityAddressCityOrTown Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***ISO 3166-1 alpha-2 country code.***~~

~~***+ References***~~

~~***No definition available.***~~

~~***+ Details***~~

~~***Name:dei_EntityAddressCountry Namespace Prefix:dei_ Data Type:dei:countryCodeItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***Code for the postal or zip code***~~

~~***+ References***~~

~~No definition available.~~

~~+ Details~~
~~Name:dei_EntityAddressPostalZipCode Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Name of the state or province.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~
~~Name:dei_EntityAddressStateOrProvince Namespace Prefix:dei_ Data Type:dei:stateOrProvinceItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2~~

~~+ Details~~
~~Name:dei_EntityCentralIndexKey Namespace Prefix:dei_ Data Type:dei:centralIndexKeyItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~
~~Name:dei_EntityCommonStockSharesOutstanding Namespace Prefix:dei_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant~~

~~- Definition~~

~~Indicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~
~~Name:dei_EntityCurrentReportingStatus Namespace Prefix:dei_ Data Type:dei:yesNoItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Indicate if registrant meets the emerging growth company criteria.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2~~

~~+ Details~~
~~Name:dei_EntityEmergingGrowthCompany Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Commission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~
~~Name:dei_EntityFileNumber Namespace Prefix:dei_ Data Type:dei:fileNumberItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Indicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2~~

~~+ Details~~
~~Name:dei_EntityFilerCategory Namespace Prefix:dei_ Data Type:dei:filerCategoryItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Two-character EDGAR code representing the state or country of incorporation.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~
~~Name:dei_EntityIncorporationStateCountryCode Namespace Prefix:dei_ Data Type:dei:edgarStateCountryItemType Balance Type:na Period Type: duration~~

~~- Definition~~

~~Boolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-T -Number 232 -Section 405~~

~~+ Details~~
~~Name:dei_EntityInteractiveDataCurrent Namespace Prefix:dei_ Data Type:dei:yesNoItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2~~

~~+ Details~~
~~Name:dei_EntityRegistrantName Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Boolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2~~

~~+ Details~~
~~Name:dei_EntityShellCompany Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Indicates that the company is a Smaller Reporting Company (SRC).~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2~~

~~+ Details~~
~~Name:dei_EntitySmallBusiness Namespace Prefix:dei_ Data Type:xbrli:booleanItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~The Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2~~

~~+ Details~~
~~Name:dei_EntityTaxIdentificationNumber Namespace Prefix:dei_ Data Type:dei:employerIdItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Local phone number for entity.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~
~~Name:dei_LocalPhoneNumber Namespace Prefix:dei_ Data Type:xbrli:normalizedStringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Title of a 12(g) registered security.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection g~~

~~+ Details~~
~~Name:dei_Security12gTitle Namespace Prefix:dei_ Data Type:dei:securityTitleItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Name of the Exchange on which a security is registered.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d1-1~~

~~+ Details~~
~~Name:dei_SecurityExchangeName Namespace Prefix:dei_ Data Type:dei:edgarExchangeCodeItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Trading symbol of an instrument as listed on an exchange.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~
~~Name:dei_TradingSymbol Namespace Prefix:dei_ Data Type:dei:tradingSymbolItemType Balance Type:na Period Type:duration XML 21 R2.htm IDEA: XBRL DOCUMENT~~
~~Consolidated Balance Sheets - USD ($) $ in MillionsAug. 31, 2024Feb. 29, 2024Current Cash and cash equivalents (note 2)$ 171$ 175Short-term Investments4062Accounts Receivable, after Allowance for Credit Loss, Current150199Other receivables (note 3)2121Income taxes receivable44Other current assets (note 3)5247Assets, Current, Total438508Restricted cash and cash equivalents (note 2)1725Long-term investments (note 2)3736Other long-term assets (note 3)5957Operating Lease, Right-of-Use Asset3232Property, plant and equipment, net (note 3)1721Intangible assets, net (note 3) 136154Goodwill (note 3)563562Assets1,2991,395Current Accounts payable717Accrued liabilities (note 3)109117Income taxes payable (note 4)2828 Deferred revenue, current (note 10)161194Total current liabilities305356Deferred revenue, non-current (note 10)2828Operating lease liabilities3838 Other long-term liabilities13Long-term notes (note 5)195194Total liabilities567619Capital stock and additional paid-in capital Preferred shares: authorized unlimited number of non-voting, cumulative, redeemable and retractable00Common shares: authorized unlimited number of non-voting, redeemable, retractable Class A common shares and unlimited number of voting common shares Issued - 590,727,996 voting common shares (February 29, 2024 - 589,232,539)2,9642,948Deficit(2,219)(2,158)Accumulated other comprehensive loss (note 8)(13)(14)Total shareholders' equity 732776Total liabilities and shareholders' equity$ 1,299$ 1,395Common issued (in shares)590,727,996589,232,539Common outstanding (in shares) 590,727,996589,232,539~~

~~- Definition~~

~~Carrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer).~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10~~

~~+ Details~~
~~Name:us-gaap_AccountsPayableCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant~~

~~- Definition~~

~~Amount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2~~

~~+ Details~~
~~Name:us-gaap_AccountsReceivableNetCurrent~~ ***~~Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: instant~~***

~~- Definition~~

~~Carrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer).~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1~~

~~+ Details~~
~~Name:us-gaap_AccruedLiabilitiesCurrent~~ ***~~Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant~~***

~~- Definition~~

~~Amount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14~~

~~*+ Details*~~

~~*Name:us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type: credit Period Type:instant*~~

~~*- References*~~

~~*No definition available.*~~

~~*+ Details*~~

~~*Name:us-gaap_AdditionalPaidInCapitalAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration*~~

~~*- Definition*~~

~~*Amount of asset recognized for present right to economic benefit.*~~

~~*+ References*~~

~~*Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30: http://fasb.org/us-*~~

~~gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1~~

~~***+ Details***~~

~~***Name:us-gaap_Assets Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant***~~

~~***- Definition***~~

~~***Amount of asset recognized for present right to economic benefit, classified as current.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name 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https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7***~~

~~+ Details~~

~~Name:us-gaap_AssetsCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_AssetsCurrentAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Amount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4~~

~~+ Details~~

~~Name:us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant~~

~~- Definition~~

~~Total number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased~~

~~and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1~~

~~+ Details~~

~~Name:us-gaap_CommonStockSharesIssued Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant~~

~~- Definition~~

~~Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3~~

~~+ Details~~

~~Name:us-gaap_CommonStockSharesOutstanding Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant~~

~~- Definition~~

~~Aggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1~~

~~+ Details~~

~~Name:us-gaap_CommonStockValue Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant~~

~~- Definition~~

~~Amount of deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable, classified as current.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1~~

~~+ Details~~

~~Name:us-gaap_DeferredRevenueCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant~~

~~- Definition~~

~~Amount of deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable, classified as noncurrent.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1~~

~~+ Details~~

~~Name:us-gaap_DeferredRevenueNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant~~

~~- Definition~~

~~Amount after amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5~~

~~***+ Details***~~

~~***Name:us-gaap_FiniteLivedIntangibleAssetsNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: instant***~~

~~***- Definition***~~

~~***Amount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1***~~

~~+ Details~~

~~Name:us-gaap_Goodwill Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant~~

~~- Definition~~

~~Carrying amount due within one year of the balance sheet date (or one operating cycle, if longer) from tax authorities as of the balance sheet date representing refunds of overpayments or recoveries based on agreed-upon resolutions of disputes.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(3)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1~~

~~+ Details~~

~~Name:us-gaap_IncomeTaxesReceivable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant~~

~~- Definition~~

~~Amount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 15: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI~~

~~***Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30***~~

~~***+ Details***~~

~~***Name:us-gaap_Liabilities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant***~~

~~***- Definition***~~

~~***Amount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(32)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1***~~

~~*+ Details*~~

~~*Name:us-gaap_LiabilitiesAndStockholdersEquity Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: instant*~~

~~*- Definition*~~

~~*Total obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer.*~~

~~*+ References*~~

~~*Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-5Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 21: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7*~~

~~+ Details~~

~~Name:us-gaap_LiabilitiesCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_LiabilitiesCurrentAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~The fair value amount of long-term debt whether such amount is presented as a separate caption or as a parenthetical disclosure. Additionally, this element may be used in connection with the fair value disclosures required in the footnote disclosures to the financial statements. The element may be used in both the balance sheet and disclosure in the same submission.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2~~

~~***+ Details***~~

~~***Name:us-gaap_LongTermDebtFairValue Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant***~~

~~***- Definition***~~

~~***The total amount of investments that are intended to be held for an extended period of time (longer than one operating cycle).***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1***~~

~~***+ Details***~~

~~***Name:us-gaap_LongTermInvestments Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant***~~

~~***- Definition***~~

~~***Present value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1***~~

~~***+ Details***~~

~~***Name:us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: instant***~~

~~***- Definition***~~

~~***Amount of lessee's right to use underlying asset under operating lease.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1***~~

~~***+ Details***~~

~~***Name:us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: instant***~~

~~***- Definition***~~

~~***Amount of current assets classified as other.***~~

~~***+ References***~~

~~Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1~~

~~+ Details~~
~~Name:us-gaap_OtherAssetsCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant~~

~~- Definition~~

~~Amount of noncurrent assets classified as other.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1~~

~~+ Details~~
~~Name:us-gaap_OtherAssetsNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant~~

~~- Definition~~

~~Amount of liabilities classified as other, due after one year or the normal operating cycle, if longer.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1~~

~~+ Details~~
~~Name:us-gaap_OtherLiabilitiesNoncurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant~~

~~- Definition~~

~~Amount due from parties in nontrade transactions, classified as other.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(5)(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(3)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1~~

~~+ Details~~

~~Name:us-gaap_OtherReceivables~~ *~~Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant~~*

~~- Definition~~

~~Aggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1~~

~~+ Details~~

~~Name:us-gaap_PreferredStockValue~~ *~~Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant~~*

~~- Definition~~

~~Amount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1~~

~~*+ Details*~~

~~*Name:us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: instant*~~

~~*- Definition*~~

~~*Cash and investments whose use in whole or in part is restricted for the long-term, generally by contractual agreements or regulatory requirements. For use in an unclassified balance sheet.*~~

~~*+ References*~~

~~*Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 210 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477220/954-210-45-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 954 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478600/954-210-50-2*~~

~~*+ Details*~~

~~*Name:us-gaap_RestrictedCashAndInvestments Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: instant*~~

~~*- Definition*~~

~~*Amount of accumulated undistributed earnings (deficit).*~~

~~*+ References*~~

~~*Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1*~~

~~***+ Details***~~

~~***Name:us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: instant***~~

~~***- Definition***~~

~~***Amount of investments including trading securities, available-for-sale securities, held-to-maturity securities, and short-term investments classified as other and current.***~~

~~***+ References***~~

~~***Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1***~~

~~***+ Details***~~

~~***Name:us-gaap_ShortTermInvestments Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant***~~

~~***- Definition***~~

~~***Amount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest.***~~

~~***+ References***~~

~~***Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2***~~

~~***+ Details***~~

~~***Name:us-gaap_StockholdersEquity Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant***~~

~~***- Definition***~~

~~***Carrying value as of the balance sheet date of obligations incurred and payable for statutory income, sales, use, payroll, excise, real, property and other taxes. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer).***~~

~~***+ References***~~

~~***Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1***~~

~~+ Details~~

~~Name:us-gaap_TaxesPayableCurrent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant XML 22 R3.htm IDEA: XBRL DOCUMENT~~

~~Consolidated Balance Sheets (Parenthetical) - USD ($) $ in Millions Sep. 24, 2024Aug. 31, 2024Feb. 29, 2024Feb. 28, 2023Statement of Financial Position [Abstract] Entity Common Stock, Shares Outstanding590,727,996 Common outstanding (in shares) 590,727,996589,232,539 Common issued (in shares) 590,727,996589,232,539 Accounts Receivable, Allowance for Credit Loss $ 6$ 6$ 1~~

~~- Definition~~

~~Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~

~~Name:dei_EntityCommonStockSharesOutstanding Namespace Prefix:dei_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant~~

~~- Definition~~

~~Amount of allowance for credit loss on accounts receivable.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479344/326-20-45-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-4Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13~~

~~+ Details~~

~~Name:us-gaap_AllowanceForDoubtfulAccountsReceivable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant~~

~~- Definition~~

~~Total number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1~~

~~+ Details~~

~~Name:us-gaap_CommonStockSharesIssued Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant~~

~~- Definition~~

~~Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3~~

~~+ Details~~

~~Name:us-gaap_CommonStockSharesOutstanding Namespace Prefix:us-gaap_ Data Type:xbrli:sharesItemType Balance Type:na Period Type:instant~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_StatementOfFinancialPositionAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type: duration XML 23 R4.htm IDEA: XBRL DOCUMENT~~

Consolidated Statements of Shareholders' Equity - USD ($) $ in Millions	Total	Capital Stock and Additional Paid-in Capital	Deficit	Accumulated Other Comprehensive Loss
Beginning Balance at Feb. 28, 2023	$ 857	$ 2,909	$ (2,028)	$ (24)
Increase (Decrease) in Stockholders' Equity [Roll Forward]				
Net loss	(53)		(53)	
Other comprehensive income (loss)	3			3
Stock-based compensation	20	20		
Employee share purchase plan	2	2		
Ending Balance at Aug. 31, 2023	829	2,931	(2,081)	(21)
Beginning Balance at May. 31, 2023	859	2,920	(2,039)	(22)
Increase (Decrease) in Stockholders' Equity [Roll Forward]				
Net loss	(42)		(42)	
Other comprehensive income (loss)	1			1
Stock-based compensation	11	11		
Ending Balance at Aug. 31, 2023	829	2,931	(2,081)	(21)
Beginning Balance at Feb. 29, 2024	776	2,948	(2,158)	(14)
Increase (Decrease) in Stockholders' Equity [Roll Forward]				
Net loss	(61)		(61)	
Other comprehensive income (loss)	1			1
Stock-based compensation	15	15		
Employee share purchase plan	1	1		
Ending Balance at Aug. 31, 2024	732	2,964	(2,219)	(13)
Beginning Balance at May. 31, 2024	742	2,957	(2,200)	(15)
Increase (Decrease) in Stockholders' Equity [Roll Forward]				
Net loss	(19)		(19)	
Other comprehensive income (loss)	2			2
Stock-based compensation	7	7		
Ending Balance at Aug. 31, 2024	$ 732	$ 2,964	$ (2,219)	$ (13)

~~- Definition~~

~~Amount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-13Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-12~~

~~+ Details~~

~~Name:us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~A roll forward is a reconciliation of a concept from the beginning of a period to the end of a period.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_IncreaseDecreaseInStockholdersEquityRollForward Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~The portion of profit or loss for the period, net of income taxes, which is attributable to the parent.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-~~

~~gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1~~

~~***+ Details***~~

~~***Name:us-gaap_NetIncomeLoss Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration***~~

~~***- Definition***~~

~~***Amount after tax of other comprehensive income (loss) attributable to parent entity.***~~

~~***+ References***~~

~~***Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-19Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 20 -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1AReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A***~~

~~***+ Details***~~

~~***Name:us-gaap_OtherComprehensiveIncomeLossNetOfTaxPortionAttributableToParent Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType***~~

~~*Balance Type:credit Period Type:duration*~~

~~*- Definition*~~

~~*Aggregate change in value for stock issued during the period as a result of employee stock purchase plan.*~~

~~*+ References*~~

~~*Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1*~~

~~*+ Details*~~

~~*Name:us-gaap_StockIssuedDuringPeriodValueEmployeeStockPurchasePlan Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration*~~

~~*- Definition*~~

~~*Amount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest.*~~

~~*+ References*~~

~~*Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2*~~

~~+ Details~~

~~Name:us-gaap_StockholdersEquity Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:instant XML 24~~
~~R5.htm IDEA: XBRL DOCUMENT~~
~~Consolidated Statements of Operations - USD ($) $ in Millions3 Months Ended6 Months Ended~~
~~Aug. 31, 2024~~
~~Aug. 31, 2023~~
~~Aug. 31, 2024~~
~~Aug. 31, 2023~~
~~Revenue Revenues$ 145$ 132$ 289$ 505Cost of sales Cost of sales514799241Gross margin9485190264Operating expenses Research and development375079104Selling and Marketing Expense34437288General and Administrative Expense33307384Amortization11142329Impairment of long-lived assets (note 2)0131Debentures fair value adjustment0(6)016Total operating expenses115132250322Operating loss(21)(47)(60)(58) Investment income, net (note 2 and note 5)37810Loss before income taxes(18)(40)(52)(48)Provision for income taxes (note 4)1295Net loss$ (19) $ (42)$ (61)$ (53)Loss per share (note 7) Earnings (Loss) Per Share, Basic (in usd per share)$ (0.03)$ (0.07)$ (0.10)$ (0.09)Earnings (Loss) Per Share, Diluted (in usd per share)$ (0.03)$ (0.07)$ (0.10)$ (0.09)~~

~~- Definition~~

~~The aggregate cost of goods produced and sold and services rendered during the reporting period.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1B~~

~~+ Details~~

~~Name:us-gaap_CostOfRevenue Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_CostOfRevenueAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~The current period expense charged against earnings on long-lived, physical assets not used in production, and which are not intended for resale, to allocate or recognize the cost of such assets over their useful lives; or to record the reduction in book value of an intangible asset over the benefit period of such asset; or to reflect consumption during the period of an asset that is not used in production.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1~~

~~+ Details~~

~~Name:us-gaap_DepreciationAndAmortization Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: duration~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_EarningsPerShareAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~The amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -~~

~~***http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7***~~

~~***+ Details***~~

~~***Name:us-gaap_EarningsPerShareBasic Namespace Prefix:us-gaap_ Data Type:dtr-types:perShareItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***The amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7***~~

~~+ Details~~

~~Name:us-gaap_EarningsPerShareDiluted Namespace Prefix:us-gaap_ Data Type:dtr-types:perShareItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~For each line item in the statement of financial position, the amounts of gains and losses from fair value changes included in earnings.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-30~~

~~+ Details~~

~~Name:us-gaap_FairValueOptionChangesInFairValueGainLoss1 Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~The aggregate total of expenses of managing and administering the affairs of an entity, including affiliates of the reporting entity, which are not directly or indirectly associated with the manufacture, sale or creation of a product or product line.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1~~

~~+ Details~~

~~Name:us-gaap_GeneralAndAdministrativeExpense Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: duration~~

~~- Definition~~

~~Aggregate revenue less cost of goods and services sold or operating expenses directly attributable to the revenue generation activity.~~

~~*Aggregate revenue less cost of goods and services sold or operating expenses directly attributable to the revenue generation activity.*~~

~~*+ References*~~

~~*Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 9: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31*~~

~~+ Details~~

~~Name:us-gaap_GrossProfit~~ *~~Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~*

~~- Definition~~

~~The aggregate amount of write-downs for impairments recognized during the period for long lived assets held for use (including those held for disposal by means other than sale).~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-2Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482130/360-10-45-4~~

~~***+ Details***~~

~~***Name:us-gaap_ImpairmentOfLongLivedAssetsHeldForUse Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration***~~

~~***- Definition***~~

~~***Amount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1***~~

~~***+ Details***~~

~~***Name:us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration***~~

~~***- Definition***~~

~~***Amount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8:***~~

~~***http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1***~~

~~***+ Details***~~

~~***Name:us-gaap_IncomeTaxExpenseBenefit Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration***~~

~~***- Definition***~~

~~***Amount after accretion (amortization) of discount (premium), and investment expense, of interest income and dividend income on nonoperating securities.***~~

~~***+ References***~~

~~***Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2***~~

~~***+ Details***~~

~~***Name:us-gaap_InvestmentIncomeNet Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration***~~

~~***- Definition***~~

~~***The portion of profit or loss for the period, net of income taxes, which is attributable to the parent.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -***~~

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http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI 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(SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 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https://asc.fasb.org/1943274/2147478524/942-220-S99-1

~~+ Details~~
~~Name:us-gaap_NetIncomeLoss Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~Generally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense.~~

~~+ References~~

~~No definition available.~~

~~+ Details~~
~~Name:us-gaap_OperatingExpenses Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- References~~

~~No definition available.~~

~~+ Details~~
~~Name:us-gaap_OperatingExpensesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~The net result for the period of deducting operating expenses from operating revenues.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31~~

~~+ Details~~

~~Name:us-gaap_OperatingIncomeLoss Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~Amount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1~~

~~+ Details~~

~~Name:us-gaap_ResearchAndDevelopmentExpense Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type: duration~~

~~- Definition~~

~~Amount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss).~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -~~

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~~***+ Details***~~

~~***Name:us-gaap_Revenues Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration***~~

~~***- References***~~

~~***No definition available.***~~

~~***+ Details***~~

~~***Name:us-gaap_RevenuesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***The aggregate total amount of expenses directly related to the marketing or selling of products or services.***~~

~~***+ References***~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_SellingAndMarketingExpense Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~
~~XML 25 R6.htm IDEA: XBRL DOCUMENT~~
~~Consolidated Statements of Comprehensive Income (Loss) - USD ($) $ in Millions3 Months Ended6 Months Ended~~
~~Aug. 31, 2024~~
~~Aug. 31, 2023~~
~~Aug. 31, 2024~~
~~Aug. 31, 2023~~
~~Statement of Comprehensive Income [Abstract] Net loss$ (19)$ (42)$ (61)$ (53)Other comprehensive income (loss) Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), Reclassification, after Tax0001Other Comprehensive Income (Loss), Foreign Currency Transaction and Translation Adjustment, Net of Tax2112Other comprehensive income2113Comprehensive loss$ (17)$ (41)$ (60)$ (50)~~
~~- Definition~~

~~Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-5~~

~~***+ Details***~~

~~***Name:us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: duration***~~

~~***- Definition***~~

~~***The portion of profit or loss for the period, net of income taxes, which is attributable to the parent.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1***~~

~~+ Details~~

~~Name:us-gaap_NetIncomeLoss Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~Amount, after tax, of reclassification of gain (loss) from accumulated other comprehensive income (AOCI) for derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-15~~

~~+ Details~~

~~Name:us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationAfterTax Namespace Prefix:us-gaap_ Data Type: xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~Amount after tax and reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (a) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1~~

~~***+ Details***~~

~~***Name:us-gaap_OtherComprehensiveIncomeLossForeignCurrencyTransactionAndTranslationAdjustmentNetOfTax Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration***~~

~~***- Definition***~~

~~***Amount after tax and reclassification adjustments of other comprehensive income (loss).***~~

~~***+ References***~~

~~***Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-4Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 55 -Paragraph 15 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482739/220-10-55-15Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1A***~~

~~+ Details~~

~~Name:us-gaap_OtherComprehensiveIncomeLossNetOfTax Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_OtherComprehensiveIncomeLossNetOfTaxPeriodIncreaseDecreaseAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration XML 26 R7.htm IDEA: XBRL DOCUMENT~~
~~Consolidated Statements of Comprehensive Income (Loss) (Parenthetical) - USD ($) $ in Millions3 Months Ended6 Months Ended~~
~~Aug. 31, 2024~~
~~Aug. 31, 2023~~
~~Aug. 31, 2024~~
~~Aug. 31, 2023~~
~~Statement of Comprehensive Income [Abstract] OCI, Foreign Currency Transaction and Translation Gain (Loss), Arising During Period, Tax$ 0$ 0 $ 0$ 0Other Comprehensive Income (Loss), Financial Liability, Fair Value Option, Unrealized Gain (Loss) Arising During Period, Tax0000Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax$ 0$ 0$ 0$ 0~~
~~- Definition~~

~~Amount of tax expense (benefit), before reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (a) -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 12 -SubTopic 10 -Topic 220 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481839/830-10-45-9Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher~~

~~FASB -URI https://asc.fasb.org/1943274/2147481956/830-20-45-5Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-21~~

~~+ Details~~

~~Name:us-gaap_OtherComprehensiveIncomeForeignCurrencyTranslationGainLossArisingDuringPeriodTax Namespace Prefix:us-gaap_ Data Type: xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~Amount of tax expense (benefit) for reclassification of gain (loss) from accumulated other comprehensive income (AOCI) for derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12~~

~~+ Details~~

~~Name:us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossReclassificationTax Namespace Prefix:us-gaap_ Data Type: xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~Amount, before reclassification adjustment, of tax expense (benefit) for unrealized gain (loss) from increase (decrease) in instrument-specific credit risk on financial liability measured under fair value option.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-12Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10A -Subparagraph (l) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-10AReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482736/825-10-45-5~~

~~+ Details~~

~~Name:us-gaap_OtherComprehensiveIncomeLossFinancialLiabilityFairValueOptionUnrealizedGainLossArisingDuringPeriodTax Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration XML 27 R8.htm IDEA: XBRL DOCUMENT~~

~~Consolidated Statements of Cash Flows - USD ($) $ in Millions6 Months Ended~~

~~Aug. 31, 2024~~

~~Aug. 31, 2023~~

~~Cash flows from operating activities Net loss$ (61)$ (53)Adjustments to reconcile net loss to net cash provided by (used in) operating activities: Amortization2632Stock-based compensation1520Impairment of long-lived assets (note 2)31Intellectual property disposed of by sale0147Debentures fair value adjustment016Operating leases(4)(5)Other(2)0Net changes in working capital items Accounts receivable, net of allowance49(7)Other receivables04Income taxes receivable0(2)Other assets(6)(61)Accounts payable(10)(6)Accrued liabilities(5)(24)Income taxes payable01Deferred revenue(33)(20)Net cash provided by (used in) operating activities(28)43Cash flows from investing activities Acquisition of long-term investments01Acquisition of property, plant and equipment(3)(3)Acquisition of intangible assets(4)(10)Acquisition of short-term investments7292Proceeds on sale or maturity of short-term investments94182Net cash provided by investing activities1576Cash flows from financing activities Issuance of common shares12Net cash provided by financing activities12Net increase (decrease) in cash, cash equivalents, restricted cash, and restricted cash equivalents during the period(12)121Cash, cash equivalents, restricted cash, and restricted cash equivalents, beginning of period200322Cash, cash equivalents, restricted cash, and restricted cash equivalents, end of period$ 188$ 443~~

~~- Definition~~

~~Intellectual property disposed of by sale~~

~~+ References~~

~~No definition available.~~

~~+ Details~~

~~Name:bbry_IntellectualPropertyDisposedOfBySale Namespace Prefix:bbry_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~Operating lease cash flow~~

~~+ References~~

~~No definition available.~~

~~+ Details~~

~~Name:bbry_OperatingLeaseCashFlow Namespace Prefix:bbry_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4~~

~~+ Details~~

~~Name:us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:instant~~

~~- Definition~~

~~Amount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 230 -Topic 830 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1~~

~~+ Details~~

~~Name:us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~The aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22~~

~~+ Details~~

~~Name:us-gaap_DepreciationDepletionAndAmortization Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~For each line item in the statement of financial position, the amounts of gains and losses from fair value changes included in earnings.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-30~~

~~+ Details~~

~~Name:us-gaap_FairValueOptionChangesInFairValueGainLoss1 Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~The aggregate amount of write-downs for impairments recognized during the period for long lived assets held for use (including those held for disposal by means other than sale).~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-2Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482130/360-10-45-4~~

~~+ Details~~

~~Name:us-gaap_ImpairmentOfLongLivedAssetsHeldForUse Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~The increase (decrease) during the reporting period in the aggregate amount of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28~~

~~+ Details~~

~~Name:us-gaap_IncreaseDecreaseInAccountsPayable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~The increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28~~

~~+ Details~~

~~Name:us-gaap_IncreaseDecreaseInAccountsReceivable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~The increase (decrease) during the period in the amount due for taxes based on the reporting entity's earnings or attributable to the entity's income earning process (business presence) within a given jurisdiction.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28~~

~~+ Details~~

~~Name:us-gaap_IncreaseDecreaseInAccruedIncomeTaxesPayable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~The increase (decrease) during the reporting period in the aggregate amount of expenses incurred but not yet paid.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28~~

~~+ Details~~

~~Name:us-gaap_IncreaseDecreaseInAccruedLiabilities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~Amount of increase (decrease) in deferred income and obligation to transfer product and service to customer for which consideration has been received or is receivable.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/exampleRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28~~

~~+ Details~~
~~Name:us-gaap_IncreaseDecreaseInDeferredRevenue Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~The increase (decrease) during the reporting period in income taxes receivable, which represents the amount due from tax authorities for refunds of overpayments or recoveries of income taxes paid.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28~~

~~+ Details~~
~~Name:us-gaap_IncreaseDecreaseInIncomeTaxesReceivable Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- References~~

~~No definition available.~~

~~+ Details~~
~~Name:us-gaap_IncreaseDecreaseInOperatingCapitalAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Amount of increase (decrease) in operating assets classified as other.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28~~

~~+ Details~~
~~Name:us-gaap_IncreaseDecreaseInOtherOperatingAssets Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~Amount of increase (decrease) in receivables classified as other.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28~~

~~+ Details~~
~~Name:us-gaap_IncreaseDecreaseInOtherReceivables Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~Amount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24~~

~~+ Details~~

~~Name:us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Amount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24~~

~~+ Details~~

~~Name:us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~Amount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25~~

~~+ Details~~

~~Name:us-gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:na Period Type:duration~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na~~

~~***Period Type:duration***~~

~~***- Definition***~~

~~***The portion of profit or loss for the period, net of income taxes, which is attributable to the parent.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting 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https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1***~~

~~+ Details~~

~~Name:us-gaap_NetIncomeLoss Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~Amount of income (expense) included in net income that results in no cash inflow (outflow), classified as other.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28~~

~~+ Details~~

~~Name:us-gaap_OtherNoncashIncomeExpense Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: duration~~

~~- Definition~~

~~The cash outflow to acquire asset without physical form usually arising from contractual or other legal rights, excluding goodwill.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13~~

~~+ Details~~

~~Name:us-gaap_PaymentsToAcquireIntangibleAssets Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type: duration~~

~~- Definition~~

~~The cash outflow for securities or other assets acquired, which qualify for treatment as an investing activity and are to be liquidated, if necessary, beyond the current operating cycle. Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the long-term.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13~~

~~+ Details~~

~~Name:us-gaap_PaymentsToAcquireLongtermInvestments Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~The cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13~~

~~+ Details~~

~~Name:us-gaap_PaymentsToAcquirePropertyPlantAndEquipment Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~The cash outflow for securities or other assets acquired, which qualify for treatment as an investing activity and are to be liquidated, if necessary, within the current operating cycle. Includes cash flows from securities classified as trading securities that were acquired for reasons other than sale in the short-term.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13~~

~~+ Details~~

~~Name:us-gaap_PaymentsToAcquireShortTermInvestments Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:credit Period Type:duration~~

~~- Definition~~

~~The cash inflow from the additional capital contribution to the entity.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14~~

~~+ Details~~

~~Name:us-gaap_ProceedsFromIssuanceOfCommonStock Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~Amount of cash inflow from sale, maturity, prepayment and call of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale).~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481830/320-10-45-11Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 12 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-12~~

~~+ Details~~

~~Name:us-gaap_ProceedsFromSaleAndMaturityOfAvailableForSaleSecurities Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~- Definition~~

~~Amount of noncash expense for share-based payment arrangement.~~

~~+ References~~

~~Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28~~

~~+ Details~~

~~Name:us-gaap_ShareBasedCompensation Namespace Prefix:us-gaap_ Data Type:xbrli:monetaryItemType Balance Type:debit Period Type:duration~~

~~XML 28 R9.htm IDEA: XBRL DOCUMENT~~

~~Blackberry Limited and Summary of Significant Accounting Policies and Critical Accounting Estimates3 Months Ended6 Months Ended~~
~~Aug. 31, 2024~~
~~Aug. 31, 2024~~

~~Organization, Consolidation and Presentation of Financial Statements [Abstract] Summary of Significant Accounting Policies and Critical Accounting Estimates~~

~~1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND CRITICAL ACCOUNTING ESTIMATES~~

~~Basis of Presentation and Preparation~~

~~These interim consolidated financial statements have been prepared by management in accordance with United States generally accepted accounting principles (“U.S. GAAP”). They do not include all of the disclosures required by U.S. GAAP for annual financial statements and should be read in conjunction with the audited consolidated financial statements of BlackBerry Limited (the “Company”) for the year ended February 29, 2024 (the “Annual Financial Statements”), which have been prepared in accordance with U.S. GAAP. In the opinion of management, all normal recurring adjustments considered necessary for fair presentation have been included in these interim consolidated financial statements. Operating results for the three and six months ended August 31, 2024 are not necessarily indicative of the results that may be expected for the full year ending February 28, 2025. The consolidated balance sheet at February 29, 2024 was derived from the audited Annual Financial Statements but does not contain all of the footnote disclosures from the Annual Financial Statements.~~

~~The preparation of the consolidated financial statements requires management to make estimates and assumptions with respect to the reported amounts of assets, liabilities, revenue and expenses and the disclosure of contingent assets and liabilities. Actual results could differ from these estimates and any such differences may be material to the Company’s consolidated financial statements.~~

~~Certain of the comparative figures have been reclassified to conform to the current year’s presentation.~~

~~The Company is organized and managed as three reportable operating segments: Cybersecurity, IoT (collectively, “Software & Services”), and Licensing, as further discussed in Note 10.~~

~~Significant Accounting Policies and Critical Accounting Estimates~~

~~There have been no material changes to the Company’s accounting policies or critical accounting estimates from those described in the Annual Financial Statements.~~

~~Accounting Standards Adopted During Fiscal 2025~~

~~In November 2023, the Financial Accounting Standards Board (the “FASB”) issued ASU 2023-07 on the topic of segment reporting. The standard requires additional disclosures for segment reporting. These requirements include: (i) disclosure of significant expenses that are regularly provided to the Chief Operating Decision Maker (“CODM”) and included within each reported measure of segment profit or loss (collectively referred to as the “significant expense principle”); (ii) disclosure of an amount for other segment items (equal to the difference between segment revenue less segment expenses disclosed under the significant expense principle and each reported measure of segment profit or loss) by reportable segment and a description of their composition; (iii) annual disclosure of a reportable segment’s profit or loss and assets currently required by Topic 280 in interim periods; (iv) clarification that, if the CODM uses more than one measure of a segment's profit or loss in assessing segment performance and deciding how to allocate resources, a public entity may report those additional measures of segment profit or loss; (v) disclosure of the title and position of the CODM and an explanation of how the CODM uses the reported measure(s) of segment profit or loss in assessing segment performance and deciding how to allocate resources; and (vi) requiring a public entity that has a single reportable segment provide all the disclosures required by the amendments in this ASU, and all existing segment disclosures in Topic 280. The guidance is effective for annual periods beginning after December 15, 2023 and interim periods within fiscal years beginning after December 15, 2024. The Company early adopted this guidance in the first quarter of fiscal 2025 and it did not have a material impact on its disclosures.~~

~~Adoption Pronouncements Not Yet Adopted~~

~~Accounting Pronouncements Not Yet Adopted~~

~~In December 2023, the FASB issued ASU 2023-09 “Income Taxes (Topic 740): Improvements to Income Tax Disclosures” on the topic of income taxes. The standard requires additional disclosure for income taxes. These requirements include: (i) requiring a public entity to disclose specific categories in the rate reconciliation; (ii) disclosure of additional information for reconciling items that meet a quantitative threshold (if the effect of those reconciling items is equal to or greater than 5% of the amount computed by multiplying pretax income or loss by the applicable statutory income tax rate); (iii) annual disclosure of the amount of income taxes paid (net of refunds received) disaggregated by federal (national), state, and foreign taxes; (iv) annual disclosure of the amount of income taxes paid (net of refunds received) disaggregated by individual jurisdictions in which income taxes paid (net of refunds received) is equal to or greater than 5% of total income taxes paid (net of refunds received); (v) annual disclosure of income (or loss) from continuing operations before income tax expense (or benefit) disaggregated between domestic and foreign; and (vi) annual disclosure of income tax expense (or benefit) from continuing operations disaggregated by federal (national), state, and foreign. For public entities, the guidance is effective for annual periods beginning after December 15, 2024. The Company will adopt this guidance in fiscal 2026 and is in the process of evaluating the new requirements. As a result, the Company has not yet determined the impact this new ASU will have on its disclosures.~~

~~- Definition~~

~~The entire disclosure for change in accounting principle. Includes, but is not limited to, nature, reason, and method of adopting amendment to accounting standards or other change in accounting principle.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476173/280-10-65-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-7Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 12:~~

~~***http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 11.M.Q2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480530/250-10-S99-5Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (i)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480530/250-10-S99-6Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 250 -Publisher FASB -URI https://asc.fasb.org/250/tableOfContentReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1***~~

~~**+ Details**~~

~~**Name:us-gaap_NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock Namespace Prefix:us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type:na Period Type:duration**~~

~~**- References**~~

~~**No definition available.**~~

~~**+ Details**~~

~~**Name:us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration**~~

~~**- Definition**~~

~~**The entire disclosure for all significant accounting policies of the reporting entity.**~~

~~**+ References**~~

~~**Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContent**~~

~~**+ Details**~~

~~**Name:us-gaap_SignificantAccountingPoliciesTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 29 R10.htm IDEA: XBRL DOCUMENT**~~

~~**Fair Value Measurements, Cash, Cash Equivalents and Investments 6 Months Ended**~~
~~**Aug. 31, 2024**~~

~~**Cash and Cash Equivalents [Abstract] Fair Value Measurements, Cash, Cash Equivalents and Investments**~~

~~**FAIR VALUE MEASUREMENTS, CASH, CASH EQUIVALENTS AND INVESTMENTSAs at August 31, 2024 and February 29, 2024, the Company had no available-for-sale debt securities with continuous unrealized losses**~~

~~***Fair Value***~~

~~*The Company defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. When determining the fair value measurements for assets and liabilities required to be recorded at fair value, the Company considers the principal or most advantageous market in which it would transact and considers assumptions that market participants would use in pricing the asset or liability, such as inherent risk, non-performance risk and credit risk. The Company applies the following fair value hierarchy, which prioritizes the inputs used in the valuation methodologies in measuring fair value into three levels:*~~

- ~~*Level 1 - Unadjusted quoted prices at the measurement date for identical assets or liabilities in active markets.*~~
- ~~*Level 2 - Observable inputs other than quoted prices included in Level 1, such as quoted prices for similar assets and liabilities in active markets; quoted prices for identical or similar assets and liabilities in markets that are not active; or other inputs that are observable or can be corroborated by observable market data.*~~
- ~~*Level 3 - Significant unobservable inputs that are supported by little or no market activity.*~~

~~*The fair value hierarchy also requires the Company to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value.*~~

~~*The Company's cash and cash equivalents, accounts receivable, other receivables, accounts payable and accrued liabilities are carried at amounts that approximate their fair values (Level 2 measurement) due to their short maturities.*~~

~~***Recurring Fair Value Measurements***~~

~~*In determining the fair value of investments held, the Company primarily relies on an independent third-party valuator for the fair valuation of securities. The Company also reviews the inputs used in the valuation process and assesses the pricing of the securities for reasonableness after conducting its own internal collection of quoted prices from brokers. Fair values for all investment categories provided by the independent third-party valuator that are in excess of 0.5% from the fair values determined by the Company are communicated to the independent third-party valuator for consideration of reasonableness. The independent third-party valuator considers the information provided by the Company before determining whether a change in their original pricing is warranted.*~~

~~*When the Company concludes that there is a significant financing component included within a contract with a customer due to timing differences between the fulfillment of certain performance obligations and the receipt of payment for those performance obligations, the Company determines the present value of the future consideration utilizing the discount rate that would be reflected in a separate financing transaction between the customer and the Company at contract inception based upon the credit characteristics of the customer receiving financing in the contract.*~~
~~*For a description of how the fair value of the 2020 Debentures (as defined in Note 5) was determined, see the "Convertible debentures" accounting policies in Note 1 to the Annual Financial Statements.*~~

~~***Non-Recurring Fair Value Measurements***~~

~~*Upon the occurrence of certain events, the Company re-measures the fair value of non-marketable equity investments for which it utilizes the measurement alternative, and long-lived assets, including property, plant and equipment, operating lease ROU assets, intangible assets and goodwill if an impairment or observable price adjustment is recognized in the current period.*~~

~~***Non-Marketable Equity Investments Measured Using the Measurement Alternative***~~

~~*Non-marketable equity investments measured using the measurement alternative include investments in privately held companies without readily determinable fair values in which the Company does not own a controlling interest or have significant influence. The estimation of fair value used in the fair value measurements required the use of significant unobservable inputs, and as a result, the fair value measurements were classified as Level 3.*~~

~~***Impairment of Long-Lived Assets***~~

~~*During the three and six months ended August 31, 2024, the Company exited certain leased facilities and recorded a pre-tax and after-tax impairment charge of nil and $3 million, respectively, related to the operating lease right-of-use ("ROU") assets and property, plant and equipment associated with those facilities (three and six months ended August 31, 2023 - $1 million). The impairment was determined by comparing the fair value of the impacted ROU asset to the carrying value of the asset as of the impairment measurement date, as required under ASC Topic 360, Property, Plant, and Equipment, using Level 3 inputs. The fair value of the ROU asset was based on the estimated sublease income for certain facilities taking into consideration the estimated time period it will take to obtain a sublessor, the applicable discount rate and the sublease rate, which are considered unobservable inputs. The Company conducts an evaluation of the related liabilities and expenses and revises its assumptions and estimates as appropriate as new or updated information becomes available. The fair value measurement of ROU impaired assets is classified as Level 3.*~~

~~***Cash, Cash Equivalents and Investments***~~

~~*The components of cash, cash equivalents and investments by fair value level as at August 31, 2024 were as follows:*~~

	~~Cost Basis [1]~~	~~Unrealized Gains~~	~~Unrealized Losses~~	~~Fair Value~~	~~Cash and Cash Equivalents~~	~~Short-term Investments~~	~~Long-term Investments~~	~~Restricted Cash and Cash Equivalents~~
~~Bank balances~~	~~$65~~	~~$—~~	~~$—~~	~~$65~~	~~$65~~	~~$—~~	~~$—~~	~~$—~~
~~Other investments~~	~~28~~	~~6~~	~~—~~	~~34~~	~~—~~	~~—~~	~~34~~	~~—~~
	~~93~~	~~6~~	~~—~~	~~99~~	~~65~~	~~—~~	~~34~~	~~—~~
~~**Level 1:**~~								
~~Equity securities~~	~~10~~	~~—~~	~~(10)~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~**Level 2:**~~								
~~Term deposits, and certificates of deposits~~	~~23~~	~~—~~	~~—~~	~~23~~	~~10~~	~~—~~	~~—~~	~~13~~
~~Bearer deposit notes~~	~~31~~	~~—~~	~~—~~	~~31~~	~~29~~	~~2~~	~~—~~	~~—~~
~~Commercial paper~~	~~44~~	~~—~~	~~—~~	~~44~~	~~18~~	~~26~~	~~—~~	~~—~~
~~Non-U.S. promissory notes~~	~~42~~	~~—~~	~~—~~	~~42~~	~~30~~	~~12~~	~~—~~	~~—~~
~~U.S. treasury bills~~	~~23~~	~~—~~	~~—~~	~~23~~	~~19~~	~~—~~	~~—~~	~~4~~
	~~163~~	~~—~~	~~—~~	~~163~~	~~106~~	~~40~~	~~—~~	~~17~~
~~**Level 3:**~~								
~~Other investments~~	~~2~~	~~1~~	~~—~~	~~3~~	~~—~~	~~—~~	~~3~~	~~—~~
	~~$268~~	~~$7~~	~~$(10)~~	~~$265~~	~~$171~~	~~$40~~	~~$37~~	~~$17~~

~~*[1] Cost basis for other investments includes the effect of returns of capital and impairment.*~~

~~*The components of cash, cash equivalents and investments by fair value level as at February 29, 2024 were as follows:*~~

~~*Cost Basis [1]*~~ ~~*Unrealized Gains*~~
~~*Unrealized Losses*~~
~~*Fair Value*~~ ~~*Cash and Cash Equivalents*~~

~~Short-termInvestments~~
~~Long-termInvestments~~
~~Restricted Cash and Cash Equivalents~~ ~~Bank balances$96 $— $— $96 $96 $— $— $— Other investments30 6 — 36 — — 36 — 126 6 — 132 96 — 36 —~~ **~~Level 1:~~** ~~Equity securities10 — (10)~~

~~— — — — — —~~ **~~Level 2:~~** ~~Term deposits, and certificates of deposits21 — — 21 — — — 21 Bearer deposit notes53 — — 53 28 25 — — Commercial paper47 — — 47 15 32 — — Non-U.S. promissory notes35 — — 35 30 5 — — U.S. treasury bills10 — — 10 6 — — 4 166 — — 166 79 62 — 25 $302 $6 $(10) $298 $175 $62 $36 $25~~

~~[1] Cost basis for other investments includes the effect of returns of capital and impairment.~~

~~As at August 31, 2024, the Company had non-marketable equity investments without readily determinable fair value of $37 million (February 29, 2024 - $36 million). During the three and six months ended August 31, 2024, the Company recorded an upward adjustment of nil and $1 million, respectively, to the carrying value of a certain non-marketable equity investment without readily determinable fair value resulting from observable price changes in orderly transactions for identical or similar securities which have been included in investment income, net on the Company's consolidated statements of operations. As of August 31, 2024, the Company has recorded a cumulative impairment of $3 million to the carrying value of certain other non-marketable equity investments without readily determinable fair value (February 29, 2024 - $3 million).~~

~~There were no realized gains or losses on available-for-sale securities for the three and six months ended August 31, 2024 and August 31, 2023.~~

~~The Company has restricted cash and cash equivalents, consisting of cash and securities pledged as collateral to major banking partners in support of the Company's requirements for letters of credit. These letters of credit support certain leasing arrangements entered into in the ordinary course of business. The letters of credit are for terms ranging from month to years. The Company is legally restricted from accessing these funds during the term of the leases for which the letters of credit have been issued; however, the Company can continue to invest the funds and receive investment income thereon.~~**~~onefour~~**

~~The following table provides a reconciliation of cash, cash equivalents, restricted cash, and restricted cash equivalents as at August 31, 2024 and February 29, 2024 from the consolidated balance sheets to the consolidated statements of cash flows:~~

~~As at~~

~~August 31, 2024 February 29, 2024 Cash and cash equivalents$171 $175 Restricted cash and cash equivalents17 25~~
~~Total cash, cash equivalents, restricted cash, and restricted cash equivalents presented in the consolidated statements of cash flows$188 $200~~

~~The contractual maturities of available-for-sale investments as at August 31, 2024 and February 29, 2024 were as follows:~~

~~As at~~

~~August 31, 2024 February 29, 2024 Cost Basis Fair Value Cost Basis Fair Value Due in one year or less $163 $163 $166 $166 No fixed maturity 10 — 10 — $173 $163 $176 $166~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_CashAndCashEquivalentsAbstract~~ **~~Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~**

~~- Definition~~

~~The entire disclosure of the components of cash, cash equivalents, and short-term investments. Short-term investments may include current marketable securities.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 320 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/320/tableOfContent~~

~~+ Details~~

~~Name:us-gaap_CashCashEquivalentsAndShortTermInvestmentsTextBlock~~ **~~Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 30 R11.htm IDEA: XBRL DOCUMENT~~**
~~Consolidated Balance Sheets Details~~ **~~6 Months Ended~~**
~~Aug. 31, 2024~~
~~Balance Sheet Related Disclosures [Abstract]~~ **~~Consolidated Balance Sheet Details~~**

~~3. CONSOLIDATED BALANCE SHEET DETAILS~~

~~Accounts Receivable, Net of Allowance~~

~~The current estimated credit losses ("CECL") for accounts receivable as at August 31, 2024 were $6 million (February 29, 2024 - $6 million).~~

~~The Company also has long-term accounts receivable included in Other Long-term Assets. The CECL for long-term accounts receivable is estimated using the probability of default method and the default exposure due to limited historical information. The exposure of default is represented by the assets' amortized carrying amount at the reporting date.~~

~~The following table sets forth the activity in the Company's allowance for credit losses:~~

~~Carrying Amount Beginning balance as of February 28, 2023$1 Prior period provision for expected credit losses5 Ending balance of the allowance for credit loss as at February 29, 20246 Current period recovery for expected credit losses — Ending balance of the allowance for credit loss as at August 31, 2024$6~~

~~The allowance for credit losses as at August 31, 2024 consists of $1 million (February 29, 2024 - $1 million) relating to CECL estimated based on days past due and region and $5 million (February 29, 2024 - $5 million) relating to specific customers that were evaluated separately.~~

~~There was one customer that comprised more than 10% of accounts receivable as at August 31, 2024 (February 29, 2024 - two customers comprised more than 10%).~~

~~Other Receivables~~

~~As at August 31, 2024 and February 29, 2024, other receivables included items such as other receivables related to intellectual property sold in fiscal 2024, see Note 10 under the heading "Patent Sale", and claims filed with the Ministry of Innovation, Science and Economic Development Canada relating to its Strategic Innovation Fund program's investment in BlackBerry QNX, among other items, none of which were greater than 5% of the current assets balance.~~

~~Other Current Assets~~

~~As at August 31, 2024 and February 29, 2024, other current assets included the current portion of deferred commissions and prepaid expenses, among other items, none of which were greater than 5% of the current assets balance as at the balance sheet dates.~~

~~Property, Plant and Equipment, Net~~

~~Property, plant and equipment comprised the following:~~

~~As at August 31, 2024 February 29, 2024 Cost~~

~~BlackBerry operations and other information technology$85 $85 Leasehold improvements and other12 15 Furniture and fixtures5 6 Manufacturing, repair and research and development equipment2 3 104 109 Accumulated amortization87 88 Net book value$17 $21~~

~~Intangible Assets, Net~~

~~Intangible assets comprised the following:~~

~~As at August 31, 2024 Cost AccumulatedAmortization~~
~~Net BookValue~~
~~Acquired technology$900 $855 $45 Other acquired intangibles386 341 45 Intellectual property111 65 46 $1,397 $1,261 $136~~

~~As at~~
~~February 29, 2024 Cost AccumulatedAmortization~~
~~Net BookValue~~
~~Acquired technology$900 $846 $54 Other acquired intangibles386 334 52 Intellectual property111 63 48 $1,397 $1,243 $154~~

~~For the six months ended August 31, 2024, amortization expense related to intangible assets amounted to $22 million (six months ended August 31, 2023 - $26 million).~~

~~Total additions to intangible assets for the six months ended August 31, 2024 amounted to $4 million (six months ended August 31, 2023 - $10 million). During the six months ended August 31, 2024, additions to intangible assets primarily consisted of payments for intellectual property relating to patent maintenance, registration and license fees.~~

~~Based on the carrying value of the identified intangible assets as at August 31, 2024, and assuming no subsequent impairment of the underlying assets, the annual amortization expense for the remainder of fiscal 2025 and each of the five succeeding years is expected to be as follows: fiscal 2025 - $21 million; fiscal 2026 - $37 million; fiscal 2027 - $32 million; fiscal 2028 - $18 million; fiscal 2029 - $6 million and fiscal 2030 - $3 million.~~

~~Goodwill~~

~~Changes to the carrying amount of goodwill during the six months ended August 31, 2024 were as follows:~~

~~Carrying Amount Carrying amount as at February 28, 2023$595 Goodwill impairment charge(35) Effect of foreign exchange on non-U.S. dollar denominated goodwill2 Carrying amount as at February 29, 2024 562 Effect of foreign exchange on non-U.S. dollar denominated goodwill1 Carrying amount as at August 31, 2024$563~~

~~Other Long-term Assets~~

~~As at August 31, 2024 and February 29, 2024, other long-term assets included long-term receivables related to intellectual property sold in fiscal 2024, see Note 10 under the heading "Patent Sale", other long-term receivables, and the long-term portion of deferred commission, among other items, none of which were greater than 5% of the total assets balance.~~

~~Accrued Liabilities~~

~~*Accrued liabilities is comprised of the following:*~~

	~~As at August 31, 2024~~	~~February 29, 2024~~
~~Variable incentive accrual~~	~~$21~~	~~$15~~
~~Operating lease liabilities, current~~	~~17~~	~~20~~
~~Restructuring program liabilities, current portion~~	~~7~~	~~20~~
~~Other~~	~~64~~	~~62~~
	~~$109~~	~~$117~~

~~*As at August 31, 2024 and February 29, 2024, other accrued liabilities included accrued director fees, accrued vendor liabilities, payroll withholding taxes and accrued royalties, among other items, none of which were greater than 5% of the current liabilities balance in any of the periods presented.*~~

~~***Restructuring and Integration***~~

~~***The restructuring charges included employee termination benefits and facilities costs to better align the Company's general and administrative and R&D cost profiles to its market competitors, create a more focused sales force and improve profitability and cash flow. Total charges incurred for the six months ended August 31, 2024 and August 31, 2023 were $9 million and $8 million, respectively, recorded within on the Consolidated Statements of Operations.***~~

~~***Restructuring***~~

~~*During fiscal 2023 and fiscal 2024, the Company commenced restructuring programs with the objectives of reducing its annual costs and expenses relating to the Cybersecurity business, and later significantly separating and streamlining the Company's centralized corporate functions into Cybersecurity and IoT specific teams such that the businesses may operate quasi-independently and on a profitable and cash flow positive basis. The reduction of overall Company costs had included and will continue to include rationalizing and streamlining existing central administrative functions, right-sizing cost structures within both business units including R&D and outsourced contracting, changes to overall product portfolio offerings and geographies the Company operates in and optimizing related support functions and organizational structure. Other charges and cash costs may occur as programs are implemented or changes are completed.*~~

~~*The following table sets forth the activity in the Company's restructuring program liabilities:*~~

	~~Employee Termination Benefits~~	~~Facilities Costs~~	~~Total~~
~~Balance as at February 28, 2023~~	~~2~~	~~1~~	~~3~~
~~Charges incurred~~	~~31~~	~~6~~	~~37~~
~~Cash payments made~~	~~(16)~~	~~(3)~~	~~(19)~~
~~Balance as at February 29, 2024~~	~~17~~	~~4~~	~~21~~
~~Charges incurred~~	~~7~~	~~2~~	~~9~~
~~Cash payments made~~	~~(20)~~	~~(2)~~	~~(22)~~
~~Balance as at August 31, 2024~~	~~$4~~	~~$4~~	~~$8~~
~~Current portion~~	~~$4~~	~~$3~~	~~$7~~
~~Long-term portion~~	~~—~~	~~1~~	~~1~~
	~~$4~~	~~$4~~	~~$8~~

~~*The long-term portion of the restructuring liabilities is recorded at present value, determined by measuring the remaining payments at present value using an effective interest rate of 5.3%, and the Company recorded interest expense over time to arrive at the total face value of the remaining payments.*~~ ~~***General and administrative***~~

~~***- References***~~

~~***No definition available.***~~

~~***+ Details***~~

~~***Name:us-gaap_BalanceSheetRelatedDisclosuresAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***The entire disclosure for restructuring and related activities. Description of restructuring activities such as exit and disposal activities, include facts and circumstances leading to the plan, the expected plan completion date, the major types of costs associated with the plan activities, total expected costs, the accrual balance at the end of the period, and the periods over which the remaining accrual will be settled.***~~

~~***+ References***~~

~~***Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.P.4.e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479823/420-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/420/tableOfContentReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1***~~

~~***+ Details***~~

~~***Name:us-gaap_RestructuringAndRelatedActivitiesDisclosureTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration***~~

~~***- Definition***~~

~~***The entire disclosure for supplemental balance sheet disclosures, including descriptions and amounts for assets, liabilities, and equity.***~~

~~The entire disclosure for supplemental balance sheet disclosures, including descriptions and amounts for assets, liabilities, and equity.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/210/tableOfContent~~

~~+ Details~~

~~Name:us-gaap_SupplementalBalanceSheetDisclosuresTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration XML 31 R12.htm IDEA: XBRL DOCUMENT~~

~~Income Taxes~~ ~~6 Months Ended~~
~~Aug. 31, 2024~~
~~Income Tax Disclosure [Abstract]~~ ~~Income Taxes~~~~INCOME TAXES~~

~~For the six months ended August 31, 2024, the Company’s net effective income tax expense rate was approximately 17% compared to a net effective income tax expense rate of 10% for the six months ended August 31, 2023. The Company’s income tax rate reflects the change in unrecognized income tax benefit, if any, and the fact that the Company has a significant valuation allowance against its deferred income tax assets; in particular, any change in loss carry forwards or research and development credits, amongst other items, is offset by a corresponding adjustment of the valuation allowance. The Company’s net effective income tax rate also reflects the geographic mix of earnings in jurisdictions with different income tax rates.~~

~~The Company’s total unrecognized income tax benefits as at August 31, 2024 were $20 million (February 29, 2024 - $20 million). As at August 31, 2024, $20 million of the unrecognized income tax benefits have been netted against deferred income tax assets and nil has been recorded within income taxes payable on the Company’s consolidated balance sheets.~~
~~The Company is subject to ongoing examination by tax authorities in certain jurisdictions in which it operates. The Company regularly assesses the status of these examinations and the potential for adverse outcomes to determine the adequacy of the provision for income taxes as well as the provisions for indirect and other taxes and related penalties and interest. While the final resolution of audits is uncertain, the Company believes the ultimate resolution of these audits will not have a material adverse effect on its consolidated financial position, liquidity or results of operations.~~

~~- References~~

~~No definition available.~~

~~+ Details~~

~~Name:us-gaap_IncomeTaxDisclosureAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration~~

~~- Definition~~

~~The entire disclosure for income tax.~~

~~+ References~~

~~Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12CReference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12BReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 270 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477891/740-270-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.5.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-13Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/740/tableOfContentReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-14Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-21Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-17Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 11.C) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482603/740-30-50-2~~

~~+ Details~~

~~Name:us-gaap_IncomeTaxDisclosureTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type: duration XML 32 R13.htm IDEA: XBRL DOCUMENT~~

~~Debentures~~	~~6 Months Ended~~
	~~Aug. 31, 2024~~
~~Debt Disclosure [Abstract]~~	
~~Debentures~~	DEBENTURES

~~**3.00% Convertible Senior Notes**~~

~~On January 29, 2024, the Company issued $200 million aggregate principal amount of 3.00% senior convertible unsecured notes (the “Notes” and, collectively with the 2020 Debentures, the “Debentures”) in an offering to qualified institutional buyers in accordance with Rule 144A under the Securities Act of 1933, as amended.~~

~~The Notes are due on February 15, 2029 unless earlier converted, redeemed, or repurchased. Each $1,000 principal amount of the Notes is convertible into 257.5826 common shares of the Company based on the initial conversion rate, for a total of 52 million common shares at a price of $3.88 per share, subject to adjustments. Prior to the close of business on the business day immediately preceding November 15, 2028, the Notes will be convertible only upon satisfaction of~~

~~certain conditions and during certain periods, and thereafter, at any time until the close of business on the second scheduled trading day immediately preceding February 15, 2029. The Company may satisfy any conversions of the Notes by paying or delivering, as the case may be, cash, its common shares or a combination of cash and its common shares, at the Company's election (or, in the case of any Notes called for redemption that are converted during the related redemption period, solely its common shares). Covenants associated with the Notes include general corporate maintenance, existence and reporting requirements. The Notes bear interest at a rate of 3.00% per annum, payable semi-annually in arrears on February 15 and August 15 of each year, beginning on August 15, 2024.~~

~~The Company had recorded the Notes, including the debt itself and all embedded derivatives, at cost less debt issuance costs of $6 million and presents the Notes as a single hybrid financial instrument. No portion of the embedded derivatives required bifurcation from the host debt contract.~~

~~The following table summarizes the change in the Notes for the six months ended August 31, 2024:~~

	~~Carrying Amount~~
~~Balance as at February 29, 2024~~	~~$194~~
~~Amortization of debt issuance costs~~	~~1~~
~~Balance as at August 31, 2024~~	~~$195~~

~~**2020 Debentures**~~

~~On September 1, 2020, Hamblin Watsa Investment Counsel Ltd., in its capacity as investment manager of Fairfax Financial Holdings Limited ("Fairfax"), and another institutional investor invested in the Company through a $365 million private placement of debentures (the "2020 Debentures"). The 2020 Debentures matured on November 13, 2023.~~

~~Due to the conversion option and other embedded derivatives within the 2020 Debentures, the Company elected to record the 2020 Debentures, including the debt itself and all embedded derivatives, at fair value and presented the 2020 Debentures as a single hybrid financial instrument. No portion of the fair value of the 2020 Debentures was recorded as equity.~~

~~Each period, the fair value of the 2020 Debentures was recalculated and resulting gains and losses from the change in fair value of the 2020 Debentures associated with non-credit components were recognized in income, while the change in fair value associated with credit components was recognized in accumulated other comprehensive loss ("AOCL"). The fair value of the 2020 Debentures was determined using the significant Level 2 inputs interest rate curves, the market price and volatility of the Company's listed common shares, and the significant Level 3 inputs related to credit spread and the implied discount of the 2020 Debentures at issuance.~~

~~The following table shows the impact of the changes in fair value of the Debentures for the three and six months ended August 31, 2024 and August 31, 2023:~~

	~~Three Months Ended~~		~~Six Months Ended~~	
	~~August 31, 2024~~	~~August 31, 2023~~	~~August 31, 2024~~	~~August 31, 2023~~
~~Income (charge) associated with the change in fair value from non-credit components recorded in the consolidated statements of operations~~	~~$—~~	~~$6~~	~~$—~~	~~$(16)~~
~~Total decrease (increase) in the fair value of the 2020 Debentures~~	~~$—~~	~~$6~~	~~$—~~	~~$(16)~~

~~For the three and six months ended August 31, 2024, the Company recorded interest expense related to the Debentures of $2 million and $3 million, respectively, which has been included in investment income, net on the Company's consolidated statements of operations (three and six months ended August 31, 2023 - $2 million and $3 million).~~

~~Fairfax, a related party under U.S. GAAP due to its beneficial ownership of common shares in the Company after taking into account potential conversion of the 2020 Debentures, owned $330 million principal amount of the 2020 Debentures. As such, the payment of interest on the 2020 Debentures to Fairfax represented a related party transaction.~~

~~**- References**~~

~~**No definition available.**~~

~~**+ Details**~~

~~**Name:us-gaap_DebtDisclosureAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration**~~

~~**- Definition**~~

~~**The entire disclosure for long-term debt.**~~

~~**+ References**~~

~~**Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 470 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/470/tableOfContent**~~

~~**+ Details**~~

~~**Name:us-gaap_LongTermDebtTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration**~~

~~**XML 33 R14.htm IDEA: XBRL DOCUMENT**~~

~~**Capital Stock**~~	~~**6 Months Ended**~~
	~~**Aug. 31, 2024**~~
~~**Equity [Abstract]**~~	
~~**Capital Stock**~~	~~**CAPITAL STOCK**~~

~~The following details the changes in issued and outstanding common shares for the six months ended August 31, 2024:~~

	~~Stock Outstanding (000s)~~	~~Capital Stock and Additional Paid-in Capital~~
		~~Amount~~
~~Common shares outstanding as at February 29, 2024~~	~~589,233~~	~~$2,948~~
~~Common shares issued for restricted share unit settlements~~	~~940~~	~~—~~
~~Stock-based compensation~~	~~—~~	~~15~~
~~Common shares issued for employee share purchase plan~~	~~555~~	~~1~~
~~Common shares outstanding as at August 31, 2024~~	~~590,728~~	~~$2,964~~

~~The Company had 591 million voting common shares outstanding, 0.2 million options to purchase voting common shares, 18 million RSUs and 1 million DSUs outstanding as at September 24, 2024. In addition, 51.5 million common shares are issuable upon conversion in full of the Notes as described in Note 5.~~

~~**- References**~~

~~**No definition available.**~~

~~**+ Details**~~

~~**Name:us-gaap_EquityAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration**~~

~~**- Definition**~~

~~**The entire disclosure for shareholders' equity and share-based payment arrangement. Includes, but is not limited to, disclosure of policy and terms of share-based payment arrangement, deferred compensation arrangement, and employee stock purchase plan (ESPP).**~~

~~**+ References**~~

~~**Reference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/505/tableOfContentReference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/718/tableOfContent**~~

~~**+ Details**~~

~~**Name:us-gaap_ShareholdersEquityAndShareBasedPaymentsTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration**~~

~~**XML 34 R15.htm IDEA: XBRL DOCUMENT**~~

~~**Earnings (Loss) Per Share**~~	~~**6 Months Ended**~~
	~~**Aug. 31, 2024**~~
~~**Earnings Per Share [Abstract]**~~	
~~**Earnings (Loss) Per Share**~~	~~**LOSS PER SHARE**~~

~~The following table sets forth the computation of basic and diluted loss per share:~~

	~~Three Months Ended~~		~~Six Months Ended~~	
	~~August 31, 2024~~	~~August 31, 2023~~	~~August 31, 2024~~	~~August 31, 2023~~
~~Net loss for basic and diluted loss per share available to common shareholders~~	~~$(19)~~	~~$(42)~~	~~$(61)~~	~~$(53)~~
~~Weighted average number of shares outstanding (000's) - basic and diluted~~ [(1)(2)]	~~590,549~~	~~583,524~~	~~590,188~~	~~583,171~~
~~Loss per share - reported~~				
~~Basic~~	~~$(0.03)~~	~~$(0.07)~~	~~$(0.10)~~	~~$(0.09)~~

~~Diluted~~	~~$(0.03)~~	~~$(0.07)~~	~~$(0.10)~~	~~$(0.09)~~

~~[1] The Company has not presented the dilutive effect of the Notes or 2020 Debentures using the if-converted method in the calculation of diluted loss per share for the three and six months ended August 31, 2024 and August 31, 2023, as to do so would be antidilutive. See Note 5 for details on the Notes and 2020 Debentures.~~

~~[2] The Company has not presented the dilutive effect of in-the-money options and RSUs that will be settled upon vesting by the issuance of new common shares in the calculation of diluted loss per share for the three and six months ended August 31, 2024 and August 31, 2023, as to do so would be antidilutive.~~

~~**- References**~~

~~**No definition available.**~~

~~**+ Details**~~

~~**Name:us-gaap_EarningsPerShareAbstract Namespace Prefix:us-gaap_ Data Type:xbrli:stringItemType Balance Type:na Period Type:duration**~~

~~**- Definition**~~

~~**The entire disclosure for earnings per share.**~~

~~**+ References**~~

~~**Reference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/260/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-3**~~

~~**+ Details**~~

~~**Name:us-gaap_EarningsPerShareTextBlock Namespace Prefix:us-gaap_ Data Type:dtr-types:textBlockItemType Balance Type:na Period Type:duration**~~

~~XML 35 R16.htm IDEA: XBRL DOCUMENT~~
~~."X@VC:QF1?O$YR6<8JAX> MT[5-"T#P%K-UI-\Z:0MY;WULD#-/")6($@CZL 5YQGALC- &[XI\~~

"