ZSCALER, INC. Supplemental Financial Information Explanation of Non-GAAP Financial Measures

In addition to our results determined in accordance with generally accepted accounting principles in the United States of America (GAAP), we believe the following non-GAAP measures are useful in evaluating our operating performance. We use the following non-GAAP financial information to evaluate our ongoing operations and for internal planning and forecasting purposes. We believe that non-GAAP financial information, when taken collectively, may be helpful to investors because it provides consistency and comparability with past financial performance. However, non-GAAP financial information is presented for supplemental informational purposes only, has limitations as an analytical tool and should not be considered in isolation or as a substitute for financial information presented in accordance with GAAP. In particular, free cash flow is not a substitute for cash used in operating activities. Additionally, the utility of free cash flow as a measure of our liquidity is further limited as it does not represent the total increase or decrease in our cash balance for a given period. In addition, other companies, including companies in our industry, may calculate similarly-titled non-GAAP measures differently or may use other measures to evaluate their performance, all of which could reduce the usefulness of our non-GAAP financial measures as tools for comparison. A reconciliation of the Company's historical non-GAAP financial measures to their most directly comparable financial measure stated in accordance with GAAP has been included in this Supplemental Financial Information. Investors are cautioned that there are a number of limitations associated with the use of non-GAAP financial measures and key metrics as analytical tools. Investors are encouraged to review these reconciliations, and not to rely on any single financial measure to evaluate our business.

Expenses Excluded from Non-GAAP Measures

Stock-based compensation expense is excluded primarily because they are non-cash expenses that management believes are not reflective of our ongoing operational performance. Amortization expense of acquired intangible assets is excluded because these are considered by management to be outside of the Company's core business operating performance. Asset impairments related to facility exit costs are excluded because such charges are not reflective of our ongoing operational performance. We also exclude certain litigation-related expenses consisting of professional fees and related costs incurred by us in defending against significant claims that we deem not to be in the ordinary course of our business and, if applicable, actual losses and accruals related to estimated losses in connection with these claims. There are many uncertainties and potential outcomes associated with any litigation, including the expense of litigation, timing of such expenses, court rulings, unforeseen developments, complications and delays, each of which may affect our results of operations from period to period, as well as the unknown magnitude of the potential loss relating to any lawsuit, all of which are inherently subject to change, difficult to predict and could adversely affect our results of operations. We estimate the tax effect of these items on our non-GAAP results and may adjust our GAAP provision for income taxes, if such effects have a material impact to our non-GAAP results.

Non-GAAP Financial Measures

Non-GAAP Gross Profit and Non-GAAP Gross Margin. We define non-GAAP gross profit as GAAP gross profit excluding stock-based compensation expense and amortization expense of acquired intangible assets. We define non-GAAP gross margin as non-GAAP gross profit as a percentage of revenue.

Non-GAAP Income (Loss) from Operations and Non-GAAP Operating Margin. We define non-GAAP income (loss) from operations as GAAP loss from operations excluding stock-based compensation expense, amortization expense of acquired intangible assets, asset impairment related to facility exit and certain litigation-related expenses. We defined non-GAAP operating margin as non-GAAP income from operations as a percentage of revenue.

Non-GAAP Net Income (Loss) and Non-GAAP Net Income (Loss) per Share Attributable to Common Stockholders, Diluted. We define non-GAAP net income (loss) as GAAP net loss plus stock-based compensation expense, amortization expense of acquired intangible assets, asset impairment related to facility exit, certain litigation-related expenses, accretion of Series C and Series D redeemable convertible preferred stock, income tax effects generated by the effects of stock-based compensation expense recognized in foreign jurisdictions and any income tax benefits associated with business combinations. We define non-GAAP net income (loss) per share attributable to common stockholders, diluted, as non-GAAP net income (loss) divided by the weighted-average diluted shares outstanding, which includes the dilutive effect of potentially diluted common stock equivalents outstanding during the period.

Free Cash Flow and Free Cash Flow Margin. We define free cash flow as net cash provided by operating activities less purchases of property, equipment and other and capitalized internal-use software. We define free cash flow margin as free cash flow divided by revenue. We believe that free cash flow and free cash flow margin are meaningful indicators of liquidity information to management and investors about the amount of cash generated from our operations that, after the investments in property, equipment and other and capitalized internal-use software, can be used for strategic initiatives.

Calculated Billings. We define calculated billings as total revenue plus the change in deferred revenue in a period. Calculated billings in any particular period aims to reflect amounts invoiced for subscriptions to access our cloud platform, together with related support services related to our new and existing customers. We typically invoice our customers annually in advance, and to a lesser extent quarterly in advance, monthly in advance or multi-year in advance.

Condensed Consolidated Statements of Operations - Fiscal Quarters

(in thousands, except per share amounts) (unaudited)

Fiscal Quarter	Q4	FY18	Q1	FY19	Q2	FY19	Q	3 FY19	Q4	FY19	Q	1 FY20	Q	2 FY20	Q	3 FY20
End of Fiscal Quarter	7/3	1/2018	10/3	31/2018	1/3	1/2019	4/	30/2019	7/31	/2019	10	/31/2019	1/3	31/2020	4/	30/2020
Beginning of Fiscal Quarter	5/1	/2018	8/1	1/2018	11/	1/2018	2	/1/2019	5/1	/2019	8	/1/2019	11	/1/2019	2	/1/2020
Revenue	\$	56,174	\$	63,298	\$	74,302	\$	79,128	\$	86,108	\$	93,590	\$	101,268	\$	110,524
Cost of revenue (1) (2)		11,501		12,099		15,271		14,960		17,339		19,558		20,238		24,579
Gross profit		44,673		51,199		59,031		64,168	(68,769		74,032		81,030		85,945
Operating expenses:																
Sales and marketing (1)(2)		32,479		36,545		38,756		45,295	4	49,317		59,411		61,621		67,727
Research and development (1)(2)		11,480		13,186		15,071		16,499		17,213		20,271		20,706		24,117
General and administrative (1)(3)(4)		8,638		10,131		10,386		15,911		10,170		12,625		28,983		14,615
Total operating expenses		52,597		59,862		64,213		77,705		76,700		92,307		111,310		106,459
Loss from operations		(7,924)		(8,663)		(5,182)		(13,537)		(7,931)		(18,275)		(30,280)		(20,514)
Interest income, net		1,232		1,590		1,924		2,081		2,135		2,022		1,855		1,528
Other income (expense), net		64		(188)		250		(144)		(247)		(29)		(13)		70
Loss before income taxes		(6,628)		(7,261)		(3,008)		(11,600)		(6,043)		(16,282)		(28,438)		(18,916)
Provision (benefit) for income taxes		334		327		547		636		(767)		794		716		421
Net loss	\$	(6,962)	\$	(7,588)	\$	(3,555)	\$	(12,236)	\$	(5,276)	\$	(17,076)	\$	(29,154)	\$	(19,337)
Net loss per share attributable to common stockholders, basic and diluted	\$	(0.06)	\$	(0.06)	\$	(0.03)	\$	(0.10)	\$	(0.04)	\$	(0.13)	\$	(0.23)	\$	(0.15)
Weighted-average shares used in computing net loss per share attributable to common stockholders, basic and diluted (5) (1) Includes stock-based compensation expens		19,204 ollows:	1	20,587	1	122,741		124,672	12	26,302		127,548		128,408		129,682
Cost of revenue	\$	323	\$	503	\$	619	\$	686	\$	1,118	\$	1,381	\$	1,580	\$	1,614
Sales and marketing		1,781		2,801		5,517		6,459		8,341		10,039		11,943		15,119
Research and development		1,193		2,795		4,398		4,194		3,703		4,874		6,077		6,738
General and administrative		821		1,487		2,693		1,936		(827)		2,082		4,266		4,299
Total	\$	4,118	\$	7,586	\$	13,227	\$	13,275	\$	12,335		18,376	\$	23,866	\$	27,770
(2) Includes amortization expense of acquired	intang	ible asse	ets as	follows:												
Cost of revenue	\$	_	\$	_	\$	144	\$	163	\$	205	\$	205	\$	205	\$	348
Sales and marketing		_		_		_		3		7		8		8		8
Research and development		_		95		_		_		291		566		429		285
Total	\$		\$	95	\$	144	\$	166	\$	503	\$	779	\$	642	\$	641
(3) Includes asset impairment related to facility exit as follows:	\$	_	\$	_	\$		\$		\$	_	\$		\$	316	\$	430
(4) Includes litigation-related expenses as follows:	\$	1,427	\$	2,174	\$	1,768	\$	6,164	\$	2,973	\$	2,007	\$	16,334	\$	12

⁽⁵⁾ Since we have reported GAAP net losses for all periods presented, we have excluded all potentially dilutive securities from the calculation of the diluted net loss per share attributable to common stockholders as their effect is antidilutive and accordingly, basic net loss per share equals diluted net loss per share for all periods presented.

Non-GAAP Condensed Consolidated Statements of Operations - Fiscal Quarters

(in thousands, except per share amounts) (unaudited)

Fiscal Quarter	Q4 FY18	Q1 FY19	Q2 FY19	Q3 FY19	Q4 FY19	Q1 FY20	Q2 FY20	Q3 FY20
End of Fiscal Quarter	7/31/2018	10/31/2018	1/31/2019	4/30/2019	7/31/2019	10/31/2019	1/31/2020	4/30/2020
Beginning of Fiscal Quarter	5/1/2018	8/1/2018	11/1/2018	2/1/2019	5/1/2019	8/1/2019	11/1/2019	2/1/2020
Revenue	\$ 56,174	\$ 63,298	\$ 74,302	\$ 79,128	\$ 86,108	\$ 93,590	\$ 101,268	\$ 110,524
Cost of revenue	11,178	11,596	14,508	14,111	16,016	17,972	18,453	22,617
Gross profit	44,996	51,702	59,794	65,017	70,092	75,618	82,815	87,907
Operating expenses:								
Sales and marketing	30,698	33,744	33,239	38,833	40,969	49,364	49,670	52,600
Research and development	10,287	10,296	10,673	12,305	13,219	14,831	14,200	17,094
General and administrative	6,390	6,470	5,925	7,811	8,024	8,536	8,067	9,874
Total operating expenses	47,375	50,510	49,837	58,949	62,212	72,731	71,937	79,568
Income (loss) from operations	(2,379)	1,192	9,957	6,068	7,880	2,887	10,878	8,339
Interest income, net	1,232	1,590	1,924	2,081	2,135	2,022	1,855	1,528
Other income (expense), net	64	(188)	250	(144)	(247)	(29)	(13)	70
Income (loss) before income taxes	(1,083)	2,594	12,131	8,005	9,768	4,880	12,720	9,937
Provision for income taxes (1)	334	327	547	636	655	794	716	911
Non-GAAP net income (loss) attributable to common stockholders	\$ (1,417)	\$ 2,267	\$ 11,584	\$ 7,369	\$ 9,113	\$ 4,086	\$ 12,004	\$ 9,026
Non-GAAP net income (loss) per share attributable to common stockholders, diluted	\$ (0.01)	\$ 0.02	\$ 0.09	\$ 0.05	\$ 0.07	\$ 0.03	\$ 0.09	\$ 0.07
Weighted-average shares used in computing non-GAAP net income (loss) per share attributable to common stockholders, diluted	119,204	133,845	134,246	136,538	137,545	136,860	136,663	137,873

⁽¹⁾ We use our GAAP provision for income taxes for purposes of determining our non-GAAP income tax expense. The difference between our GAAP and non-GAAP income tax expense represents the effects of stock-based compensation expense recognized in foreign jurisdictions and any income tax benefits associated with business combinations. The income tax benefit related to stock-based compensation and included in the GAAP provision for income taxes was not material for all periods presented. In the fiscal quarter ended July 31, 2019 and April 30, 2020, we recorded a tax benefit of \$1.4 million and \$0.5 million, respectively, associated with intangible assets recognized as a result of our acquisition of Appsulate, Inc and Cloudneeti Corporation, respectively.

ZSCALER, INC.
Condensed Consolidated Balance Sheets - Fiscal Quarters

(in thousands) (unaudited)

Fiscal Quarter	Q4 FY18	Q1 FY19	Q2 FY19	Q3 FY19	Q4 FY19	Q1 FY20	Q2 FY20	Q3 FY20
End of Fiscal Quarter	7/31/2018	10/31/2018	1/31/2019	4/30/2019	7/31/2019	10/31/2019 (*)	1/31/2020 (*)	4/30/2020 (*)
Assets								
Current assets:								
Cash and cash equivalents	\$ 135,579	\$ 42,786	\$ 67,467	\$ 54,974	\$ 78,484	\$ 69,346	\$ 76,534	\$ 124,592
Short-term investments	162,960	271,254	272,476	297,762	286,162	308,285	308,380	266,722
Accounts receivable, net	61,611	49,228	75,470	71,151	93,341	70,482	94,784	105,583
Deferred contract acquisition costs	16,136	16,387	18,058	19,391	21,219	22,060	23,527	26,316
Prepaid expenses and other current assets	10,878	11,949	12,540	12,765	16,880	18,713	19,917	28,903
Total current assets	387,164	391,604	446,011	456,043	496,086	488,886	523,142	552,116
Property and equipment, net	19,765	24,132	25,762	31,976	41,046	48,361	52,355	63,297
Operating lease right-of-use assets	_	_	_	_	_	32,585	32,142	35,128
Deferred contract acquisition costs, noncurrent	39,774	39,591	42,543	44,714	48,566	48,366	50,523	58,024
Acquired intangible assets, net	_	1,621	1,477	2,211	8,708	7,929	7,287	10,146
Goodwill	_	_	_	198	7,479	7,479	7,479	13,350
Other noncurrent assets	1,078	1,146	2,320	2,394	2,277	2,622	3,497	3,903
Total assets	\$ 447,781	\$ 458,094	\$ 518,113	\$ 537,536	\$ 604,162	\$ 636,228	\$ 676,425	\$ 735,964
Current liabilities: Accounts payable	\$ 4.895	\$ 4573	\$ 3.450	\$ 3585	\$ 6.208	\$ 3.784	\$ 2.675	\$ 9392
Accounts payable	\$ 4,895	\$ 4,573	\$ 3,459	\$ 3,585	\$ 6,208	\$ 3,784	\$ 2,675	\$ 9,392
Accrued expenses and other current liabilities	13,874	16,174	14,906	12,510	12,810	12,003	13,606	14,366
Accrued compensation	23,393	18,686	15,541	21,845	21,544	22,926	25,019	34,215
Deferred revenue	140,670	144,472	176,326	183,622	221,387	218,191	251,221	274,726
Operating lease liabilities						9,413	11,142	12,939
Total current liabilities	182,832	183,905	210,232	221,562	261,949	266,317	303,663	345,638
Deferred revenue, noncurrent	23,353	20,807	29,694	27,920	29,815	27,678	28,801	26,065
Operating lease liabilities, noncurrent	_	_	_	_	_	24,825	23,300	27,909
Other noncurrent liabilities	1,360	1,204	1,114	1,475	3,840	3,356	1,497	1,558
Total liabilities	207,545	205,916	241,040	250,957	295,604	322,176	357,261	401,170
Stockholders' equity								
Common stock	119	122	124	126	127	128	129	130
Additional paid-in capital	438,392	455,761	483,951	505,531	532,618	555,019	589,229	623,859
Notes receivable from stockholders	(2,051)	_	_	_	_	_	_	_
Accumulated other comprehensive income (loss)	(124)	(317)	(59)	101	268	436	491	827
Accumulated deficit	(196,100)	(203,388)	(206,943)	(219,179)	(224,455)	(241,531)	(270,685)	(290,022)
Total stockholders' equity	240,236	252,178	277,073	286,579	308,558	314,052	319,164	334,794
Total liabilities and stockholders' equity	\$ 447,781	\$ 458,094	\$ 518,113	\$ 537,536	\$ 604,162	\$ 636,228	\$ 676,425	\$ 735,964

^(*) On August 1, 2019, we adopted Topic 842 using the transition option that allows to be applied prospectively at the beginning of the fiscal year of adoption. As such, the condensed consolidated balance sheets for prior periods are not comparable to our fiscal 2020 periods. The adoption of this standard resulted in the recognition of the operating lease right-of-use assets and operating lease liabilities related to our real estate and co-location arrangements.

ZSCALER, INC. Condensed Consolidated Cash flows - Fiscal Quarters (in thousands) (unaudited)

Fiscal Reporting Quarter End of Fiscal Quarter	Q4 FY18 7/31/2018	•	1 FY19 /31/2018	Q2 FY19 1/31/2019		Q3 FY19 -/30/2019	Q4 FY19 7/31/2019	Q1 FY20 10/31/2019	Q2 FY20 1/31/2020	_	3 FY20 /30/2020
Beginning of Fiscal Quarter	5/1/2018	8	/1/2018	11/1/2018	2	2/1/2019	5/1/2019	8/1/2019	1/11/2019	2	/1/2020
Cash flows from operating activities											
Net loss	\$ (6,962)	\$	(7,588)	\$ (3,555)	\$	(12,236)	\$ (5,276)	\$ (17,076)	\$ (29,154)	\$	(19,337
Adjustments to reconcile net loss to cash provided by operating activities:											
Depreciation and amortization expense	2,146		2,170	2,492		2,669	3,067	3,582	3,926		4,770
Impairment of assets	_		_	_		_	_	_	316		430
Amortization of acquired intangible assets	_		95	144		166	503	779	642		641
Amortization of deferred contract acquisition costs	3,827		4,324	4,457		4,724	5,146	5,535	5,890		6,248
Noncash operating lease costs	_		_	_		_	_	2,951	3,264		3,434
Stock-based compensation expense	4,118		7,586	13,227		13,275	12,335	18,376	23,866		27,770
Deferred income taxes	_		_	_		_	(1,392)	(49)	49		(555
Accretion of purchased discounts, net of amortization of investment premiums	_		(493)	(632)		(577)	(479)	(300)	(142)		(21
Other	(148))	176	26		42	40	223	25		57
Changes in operating assets and liabilities, net of effects of business acquisitions:	(21.208)		12 202	(26.242)		4 210	(22 100)	22.850	(24.201)		(10.796
Accounts receivable	(21,398)		12,383	(26,242)		4,319	(22,190)	22,859	(24,291)		(16,539
Deferred contract acquisition costs Prepaid expenses, other current and noncurrent	(13,229)	1	(4,392)	(9,080)		(8,228)	(10,826)	(6,176)	(9,514)		(16,538
Prepaid expenses, other current and noncurrent assets	(1,727))	(1,138)	(1,640)		(583)	(4,281)	(2,471)	(1,510)		(9,384
Accounts payable	841		(768)	(18)		175	1,106	(38)	(565)		2,526
Accrued expenses, other current and noncurrent	(600))	2,110	(1,068)		(2,089)	711	(466)	(777)		1,903
liabilities Accrued compensation	8,573		(4,707)	(3,145)		6,304	(301)	1,382	2,093		9,196
Deferred revenue	39,217		1,256	40,741		5,522	39,660	(5,333)	34,153		20,761
Operating lease liabilities	_		_	_		_	_	(2,349)	(2,840)		(293
Net cash provided by operating activities	14,658		11,014	15,707	_	13,483	17,823	21,429	5,431		20,822
Cash flows from investing activities:											
Purchases of property, equipment and other assets	(2,389))	(5,414)	(3,193)		(8,091)	(8,822)	(10,210)	(4,889)		(9,694
Capitalized internal-use software	(349))	(356)	(547)		(810)	(1,449)	(1,802)	(2,471)		(2,023
Acquired intangible assets	_		(1,480)				_	_	_		_
Payments for business acquisitions, net of cash						(823)	(10,609)				(8,918
Purchases of short-term investments	(163,366)	,	(137,429)	(42,467)		(92,428)	(62,862)	(88,410)	(59,133)		(55,221)
Proceeds from maturities of short-term	(105,500)	,	(137,429)	(42,407)		(92,420)	(02,002)	(00,410)	(39,133)		(33,221
investments	433		29,333	42,270		67,758	60,355	66,796	59,217		83,212
Proceeds from sale of short-term investments							14,990			_	14,084
Net cash provided by (used in) investing activities Cash flows from financing activities:	(165,671)		(115,346)	(3,937)		(34,394)	(8,397)	(33,626)	(7,276)		21,440
Payments of offering costs related to initial public											
offering Proceeds from issuance of common stock upon	(770))	(230)	(1,567)		_	_	_	_		_
exercise of stock options	640		9,796	5,697		8,030	6,339	3,059	3,699		5,796
Proceeds from issuance of common stock under the employee stock purchase plan	_		_	8,691		_	7,745	_	5,334		_
Repurchase of unvested common stock	(721))	(22)	=		_	_	_	=		_
Repayment of notes receivable from stockholders Net cash provided by (used in) financing	(851)		1,905 11,449	12,821		8,030	14,084	3,059	9,033		5,796
activities Net increase (decrease) in cash, cash equivalents and restricted cash	(151,864)		(92,883)	24,591	_	(12,881)	23,510	(9,138)	7,188		48,058
Cash, cash equivalents and restricted cash at beginning of period	288,011		136,147	43,264		67,855	54,974	78,484	69,346		76,534
Cash, cash equivalents and restricted cash at end of period	\$ 136,147	\$	43,264	\$ 67,855	\$	54,974	\$ 78,484	\$ 69,346	\$ 76,534	\$	124,592
Reconciliation of cash, cash equivalents and restri		-			=					Ť	,-··
Cash and cash equivalents	\$ 135,579	\$	42,786	\$ 67,467	\$	54,974	\$ 78,484	\$ 69,346	\$ 76,534	\$	124,592
Restricted cash, current	236	Ψ	186	96	Ψ					*	
Restricted cash, non-current	332		292	292		_	_	_	_		

ZSCALER, INC. GAAP to Non-GAAP Reconciliations - Fiscal Quarters

(in thousands, except per share amounts)(unaudited)

Fiscal Quarter	(Q4 FY18		Q1 FY19	(Q2 FY19	•	Q3 FY19	(Q4 FY19	(Q1 FY20	Q2 FY20	- (Q3 FY20
End of Fiscal Quarter	7	7/31/2018	1	0/31/2018	1	1/31/2019	2	4/30/2019	7	7/31/2019	1	0/31/2019	1/31/2020	2	4/30/2020
Beginning of Fiscal Quarter		5/1/2018		8/1/2018	1	11/1/2018		2/1/2019		5/1/2019		8/1/2019	11/1/2019		2/1/2020
GAAP gross profit	\$	44,673	\$	51,199	\$	59,031	\$	64,168	\$	68,769	\$	74,032	\$ 81,030	\$	85,945
Stock-based compensation expense		323		503		619		686		1,118		1,381	1,580		1,614
Amortization expense of acquired intangible assets		_		_		144		163		205		205	205		348
Non-GAAP gross profit	\$	44,996	\$	51,702	\$	59,794	\$	65,017	\$	70,092	\$	75,618	\$ 82,815	\$	87,907
Non-GAAP gross margin		80 %		82 %		80 %		82 %		81 %		81 %	82 %		80 %
GAAP sales and marketing expense	\$	32,479	\$	36,545	\$	38,756	\$	45,295	\$	49,317	\$	59,411	\$ 61,621	\$	67,727
Stock-based compensation expense		1,781		2,801		5,517		6,459		8,341		10,039	11,943		15,119
Amortization expense of acquired intangible assets		_		_		_		3		7		8	8		8
Non-GAAP sales and marketing expense	\$	30,698	\$	33,744	\$	33,239	\$	38,833	\$	40,969	\$	49,364	\$ 49,670	\$	52,600
Non-GAAP sales and marketing expense as a percentage of revenue		55 %		53 %		45 %		49 %		48 %		53 %	49 %		48 %
GAAP research and development expense	\$	11,480	\$	13,186	\$	15,071	\$	16,499	\$	17,213	\$	20,271	\$ 20,706	\$	24,117
Stock-based compensation expense		1,193		2,795		4,398		4,194		3,703		4,874	6,077		6,738
Amortization expense of acquired intangible assets		_		95		_		_		291		566	429		285
Non-GAAP research and development expense	\$	10,287	\$	10,296	\$	10,673	\$	12,305	\$	13,219	\$	14,831	\$ 14,200	\$	17,094
Non-GAAP research and development expense as a percentage of revenue		18 %		16 %		14 %		16 %		15 %		16 %	14 %		15 %
GAAP general and administrative expense	\$	8,638	\$	10,131	\$	10,386	\$	15,911	\$	10,170	\$	12,625	\$ 28,983	\$	14,615
Stock-based compensation expense		821		1,487		2,693		1,936		(827)		2,082	4,266		4,299
Litigation-related expenses		1,427		2,174		1,768		6,164		2,973		2,007	16,334		12
Asset impairment related to facility exit (1)		_		_		_		_		_		_	316		430
Non-GAAP general and administrative expense	\$	6,390	\$	6,470	\$	5,925	\$	7,811	\$	8,024	\$	8,536	\$ 8,067	\$	9,874
Non-GAAP general and administrative expense as a percentage of revenue		11 %		10 %		8 %		10 %		9 %		9 %	8 %		9 %
GAAP total operating expenses	\$	52,597	\$	59,862	\$	64,213	\$	77,705	\$	76,700	\$	92,307	\$ 111,310	\$	106,459
Stock-based compensation expense		3,795		7,083		12,608		12,589		11,217		16,995	22,286		26,156
Litigation-related expenses		1,427		2,174		1,768		6,164		2,973		2,007	16,334		12
Amortization expense of acquired intangible assets		_		95		_		3		298		574	437		293
Asset impairment related to facility exit (1)		_		_		_		_		_			316		430
Non-GAAP total operating expenses	\$	47,375	\$	50,510	\$	49,837	\$	58,949	\$	62,212	\$	72,731	\$ 71,937	\$	79,568
Non-GAAP total operating expenses as a percentage of revenue		84 %		80 %		67 %		74 %		72 %		78 %	71 %		72 %

Fiscal Quarter	Q4 FY18	(Q1 FY19	(Q2 FY19		Q3 FY19	(Q4 FY19		Q1 FY20		Q2 FY20		Q3 FY20
End of Fiscal Quarter	7/31/2018	1	0/31/2018	1	/31/2019	4	4/30/2019	7	7/31/2019	1	0/31/2019		1/31/2020	4	4/30/2020
Beginning of Fiscal Quarter	5/1/2018		8/1/2018	1	1/1/2018		2/1/2019		5/1/2019		8/1/2019		11/1/2019		2/1/2020
GAAP loss from operations	\$ (7,924)	\$	(8,663)	\$	(5,182)	\$	(13,537)	\$	(7,931)	\$	(18,275)	\$	(30,280)	\$	(20,514)
Stock-based compensation expense	4,118		7,586		13,227		13,275		12,335		18,376		23,866		27,770
Litigation-related expenses	1,427		2,174		1,768		6,164		2,973		2,007		16,334		12
Amortization expense of acquired intangible assets	_		95		144		166		503		779		642		641
Asset impairment related to facility exit (1)	_		_		_		_		_		_		316		430
Non-GAAP income (loss) from operations	\$ (2,379)	\$	1,192	\$	9,957	\$	6,068	\$	7,880	\$	2,887	\$	10,878	\$	8,339
Non-GAAP operating margin	(4)%		2 %		13 %		8 %		9 %		3 %		11 %		8 %
GAAP net loss	\$ (6,962)	\$	(7,588)	\$	(3,555)	\$	(12,236)	\$	(5,276)	\$	(17,076)	\$	(29,154)	\$	(19,337)
Stock-based compensation expense	4,118		7,586		13,227		13,275		12,335		18,376		23,866		27,770
Litigation-related expenses	1,427		2,174		1,768		6,164		2,973		2,007		16,334		12
Amortization expense of acquired intangible assets	_		95		144		166		503		779		642		641
Asset impairment related to facility exit (1)	_		_		_		_		_		_		316		430
Provision (benefit) for income taxes (2)	_		_		_		_		(1,422)		_		_		(490)
Non-GAAP net income (loss)	\$ (1,417)	\$	2,267	\$	11,584	\$	7,369	\$	9,113	\$	4,086	\$	12,004	\$	9,026
GAAP net loss attributable to common stockholders	\$ (6,962)	\$	(7,588)	\$	(3,555)	\$	(12,236)	\$	(5,276)	\$	(17,076)	\$	(29,154)	\$	(19,337)
Stock-based compensation expense	4,118		7,586		13,227		13,275		12,335		18,376		23,866		27,770
Litigation-related expenses	1,427		2,174		1,768		6,164		2,973		2,007		16,334		12
Amortization expense of acquired intangible assets	_		95		144		166		503		779		642		641
Asset impairment related to facility exit (1)	_		_		_		_		_		_		316		430
Provision (benefit) for income taxes (2)	_		_		_		_		(1,422)		_		_		(490)
Non-GAAP net income (loss) attributable to common stockholders	\$ (1,417)	\$	2,267	\$	11,584	\$	7,369	\$	9,113	\$	4,086	\$	12,004	\$	9,026
GAAP net loss per share attributable to common stockholders, basic and diluted	\$ (0.06)	\$	(0.06)	\$	(0.03)	\$	(0.10)	\$	(0.04)	\$	(0.13)	\$	(0.23)	\$	(0.15)
Stock-based compensation expense	0.03		0.06		0.10		0.10		0.09		0.13		0.17		0.20
Litigation-related expenses	0.01		0.02		0.01		0.05		0.02		0.01		0.12		_
Amortization expense of acquired intangible assets	_		_		_		_		_		0.01		_		_
Asset impairment related to facility exit (1)	_		_		_		_		_		_		_		_
Provision (benefit) for income taxes (2)	_		_		_		_		(0.01)		_		_		_
Adjustment to total fully diluted earnings per share (3)	0.01		_		0.01		_		0.01		0.01		0.03		0.02
Non-GAAP net income (loss) per share attributable to common stockholders, diluted	\$ (0.01)	\$	0.02	\$	0.09	\$	0.05	\$	0.07	\$	0.03	\$	0.09	\$	0.07
Weighted-average shares used in computing non-GAAP net income (loss) per share attributable to common stockholders, diluted	119,204		133,845		134,246		136,538		137,545		136,860		136,663		137,873
	 					_				_		_			

⁽¹⁾ Consists of asset impairment charges related to the relocation of our corporate headquarters.

⁽²⁾ We use our GAAP provision for income taxes for purposes of determining our non-GAAP income tax expense. The difference between our GAAP and non-GAAP income tax expense represents the effects of stock-based compensation expense recognized in foreign jurisdictions and any income tax benefits associated with business combinations. The income tax benefit related to stock-based compensation expense included in the GAAP provision for income taxes was not material for all periods presented. In the fiscal quarter ended July 31, 2019 and April 30,2020, we recorded a tax benefit of \$1.4 million and \$0.5 million, respectively associated with an intangible asset recognized as a result of our acquisition of Appsulate, Inc and Cloudneeti Corporation, respectively.

⁽³⁾ The sum of the fully diluted earnings per share impact of individual reconciling items may not total to fully diluted Non-GAAP net income per share due to the basic share counts used to calculate the GAAP net loss per share as compared to fully diluted share count used for Non-GAAP net income per share, and due to rounding of individual line items. The GAAP net loss per share calculation uses a lower share count as it excludes potentially dilutive shares, which are included in calculating the non-GAAP income per share.

Non-GAAP Free Cash Flow and Free Cash Flow Margin - Fiscal Quarter

(in thousands) (unaudited)

(unauanea)																
Fiscal Quarter	(Q4 FY18		Q1 FY19		Q2 FY19	(Q3 FY19	(Q4 FY19		Q1 FY20	(Q2 FY20		Q3 FY20
End of Fiscal Quarter	7	7/31/2018	1	10/31/2018		1/31/2019	2	1/30/2019	7	7/31/2019	1	0/31/2019	1	/31/2020	4	4/30/2020
Beginning of Fiscal Quarter		5/1/2018	_	8/1/2018		11/1/2018		2/1/2019		5/1/2019	_	8/1/2019	1	1/1/2019	_	2/1/2020
Non-GAAP Free Cash Flows																
Net cash provided by operating activities	\$	14,658	\$	11,014	\$	15,707	\$	13,483	\$	17,823	\$	21,429	\$	5,431	\$	20,822
Less: Purchases of property, equipment and other assets		(2,389)		(5,414)		(3,193)		(8,091)		(8,822)		(10,210)		(4,889)		(9,694)
Less: Capitalized internal-use software costs		(349)		(356)		(547)		(810)		(1,449)		(1,802)		(2,471)		(2,023)
Free cash flow	\$	11,920	\$	5,244	\$	11,967	\$	4,582	\$	7,552	\$	9,417	\$	(1,929)	\$	9,105
Free Cash Flow Margin																
Net cash provided by operating activities, as a percentage of revenue		26 %		17 %		21 %		17 %		21 %		23 %		5 %	ó	19 %
Less: Purchases of property, equipment and other assets, as a percentage of revenue		(4)%		(8)%		(4)%		(10)%		(10)%		(11)%		(5)%	ó	(9)%
Less: Capitalized internal-use software costs, as a percentage of revenue	_	(1)%		(1)%		(1)%		(1)%		(2)%		(2)%		(2)%	ó	(2)%
Free cash flow margin	_	21 %	_	8 %	_	16 %	_	6 %	_	9 %	_	10 %		(2)%	ó	8 %

Non-GAAP Calculated Billings - Fiscal Quarters

(in thousands) (unaudited)

Fiscal Quarter	Q4 FY18 (*)	Q1 FY19	Q2 FY19 (*)	Q3 FY19	Q4 FY19	Q1 FY20	Q2 FY20	Q3 FY20
End of Fiscal Quarter	7/31/2018	10/31/2018	1/31/2019	4/30/2019	7/31/2019	10/31/2019	1/31/2020	4/30/2020
Beginning of Fiscal Quarter	5/1/2018	8/1/2018	11/1/2018	2/1/2019	5/1/2019	8/1/2019	11/1/2019	2/1/2020
Calculated Billings								
Total revenue	\$ 56,174	\$ 63,298	\$ 74,302	\$ 79,128	\$ 86,108	\$ 93,590	\$ 101,268	\$ 110,524
Add: Total deferred revenue, end of period	164,023	165,279	206,020	211,542	251,202	245,869	280,022	300,791
Less: Total deferred revenue, beginning of period	(124,806)	(164,023)	(165,279)	(206,020)	(211,542)	(251,202)	(245,869)	(280,022)
Calculated billings	\$ 95,391	\$ 64,554	\$ 115,043	\$ 84,650	\$ 125,768	\$ 88,257	\$ 135,421	\$ 131,293
Year-over-year growth - calculated billings	72 %	56 %	74 %	55 %	32 %	37 %	18 %	55 %

^{*} Includes one large customer choosing to pay up-front for a multi-year, private cloud subscription: \$16.5 million in Q4 FY18 and \$11.0 million in Q2 FY19.