Zscaler, Inc. Supplemental Financial Information Explanation of Non-GAAP Financial Measures and Other Key Metrics

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 provided in the financial statement tables included in this press release. 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.

Non-GAAP Gross Profit and Non-GAAP Gross Margin. We define non-GAAP gross profit as GAAP gross profit excluding stock-based compensation expense. 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 and non-GAAP operating margin as GAAP loss from operations and GAAP operating margin, respectively, excluding stock-based compensation expense, certain litigation-related expenses and amortization expense of acquired intangible assets. These excluded litigation-related expenses are 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, 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 estimate and could adversely affect our results of operations.

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, litigation-related expenses, amortization expense of acquired intangible assets, accretion of Series C and Series D redeemable convertible preferred stock and tax effects associated with these items. We estimate the tax effect of these items to determine a non-GAAP annual effective tax rate applied to the pretax amount in order to calculate the non-GAAP provision for income taxes. 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. We believe that excluding these items from non-GAAP net income (loss) and non-GAAP net income (loss) per share attributable to common stockholders, diluted, provides management and investors with greater visibility into the underlying performance of our core business operating results.

Pro Forma Non-GAAP Net Income (Loss) per Share Attributable to Common Stockholders, Diluted. We define pro forma non-GAAP net income (loss) per share attributable to common stockholders, diluted, as the weighted-average shares used in computing the GAAP net loss per share attributable to common stockholders, diluted, plus a pro forma adjustment to give effect to the automatic conversion of our redeemable convertible preferred stock into 72,500,750 shares of common stock as though the conversion had occurred as of the beginning of the periods presented. Upon the closing of our initial public offering on March 20, 2018, all our outstanding shares of redeemable convertible preferred stock automatically converted into 72,500,750 shares of common stock on a one-to-one basis. We believe that giving effect to the conversion of our redeemable convertible preferred stock as though the conversion had occurred as of the beginning of the periods presented is necessary to provide meaningful comparison between periods.

Free Cash Flow and Free Cash Flow Margin. We define free cash flow as net cash used in operating activities less purchases of property and equipment 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 useful indicators of liquidity that provide information to management and investors about the amount of cash generated from our operations that, after the investments in property and equipment and capitalized internal-use software, can be used for strategic initiatives, including investing in our business and strengthening our financial position.

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.

Zscaler, Inc. Condensed Consolidated Statements of Operations - Fiscal Quarters (In thousands, except per share data)

Fiscal Quarter	Q2 FY17	Q3 FY	Y17	Q4 FY17	(Q1 FY18	Q	2 FY18	Q	3 FY18	Q	94 FY18	(Q1 FY19
End of Fiscal Quarter (MM/DD/YYYY)	1/31/2017	4/30/2	017	7/31/2017	10	0/31/2017	1/	31/2018	4/	30/2018	7/	/31/2018	10	0/31/2018
Beginning of Fiscal Quarter (MM/DD/YYYY)	11/1/2016	2/1/20)17	5/1/2017	_{	8/1/2017	11	1/1/2017	2/	/1/2018	5	/1/2018		3/1/2018
Revenue	\$ 29,427	\$ 32,	964	\$ 36,544	\$	39,861	\$	44,976	\$	49,163	\$	56,174	\$	63,298
Cost of revenue (1)	6,515		997	8,034	•	8,271	•	8,679	•	9,424	•	11,501	•	12,099
Gross profit	22,912		967	28,510		31,590	_	36,297	_	39,739		44,673		51,199
Operating expenses:	,	<i></i>		,		,		,		,		· · ·		,
Sales and marketing (1)	17,796	20,	689	23,635		26,928		27,110		29,892		32,479		36,545
Research and development (1)(2)	11,033	7,	778	8,609		8,809		9,183		9,907		11,480		13,186
General and administrative (1)(3)	3,387	5,	061	9,320		7,130		6,403		8,964		8,638		10,131
Total operating expenses	32,216	33,	528	41,564		42,867	_	42,696	_	48,763		52,597		59,862
Loss from operations	(9,304)	(7,	561)	(13,054)		(11,277)		(6,399)		(9,024)		(7,924)		(8,663)
Interest income, net	130		152	190		195		213		596		1,232		1,590
Other income (expense), net	(47)		31	(79)		(27)		28		14		64		(188)
Loss before income taxes	(9,221)	(7,	378)	(12,943)		(11,109)		(6,158)		(8,414)		(6,628))	(7,261)
Provision for income taxes	167		184	326		289		357		357		334		327
Net loss	\$ (9,388)	\$ (7,	562)	\$ (13,269)	\$	(11,398)	\$	(6,515)	\$	(8,771)	\$	(6,962)	\$	(7,588)
Accretion of Series C and D redeemable convertible preferred stock	(2,389)	(2,	355)	(2,482)		(2,530)		(2,579)		(1,223)		_		_
Net loss attributable to common stockholders	\$ (11,777)	\$ (9,	917)	\$ (15,751)	\$	(13,928)	\$	(9,094)	\$	(9,994)	\$	(6,962)	\$	(7,588)
Net loss per share attributable to common stockholders, basic and diluted	\$ (0.41)	\$ (0.34)	\$ (0.52)	\$	(0.45)	\$	(0.29)	\$	(0.14)	\$	(0.06)	\$	(0.06)
Weighted-average shares used in computing net loss per share attributable to common stockholders, basic and diluted ⁽⁴⁾ (1) Includes stock-based compensation	28,867		.583	30,102	_	30,793	=	31,434	_	73,818	=	119,204	_	120,587
•	•			4.02	Φ.	100	Φ.	106	•	100	Φ.	222	Φ.	500
Cost of revenue					\$		\$		\$	199	\$	323	\$	503
Sales and marketing	721		62	796		785		985		1,493		1,781		2,801
Research and development	4,651		06	343		398		494		960		1,193		2,795
General and administrative	266		12	341	<u></u>	441	Φ	459	Φ	657	Φ.	821	Φ.	1,487
Total stock-based compensation expense	\$ 5,726	\$ 1,5	86	\$ 1,583	\$	1,733	\$	2,064	\$	3,309	\$	4,118	\$	7,586
(2) Includes amortization expense of ac	equired intar	ngible	asset	ts as follow	s:									
Amortization expense of acquired intangible assets	<u> </u>	\$	<u> </u>	<u> </u>	\$		\$	<u> </u>	\$	_	\$		\$	95
(3) Includes litigation-related expenses	as follows:													
Litigation-related expenses	\$ 478	\$ 1,0	06	\$ 4,301	\$	2,146	\$	1,630	\$	2,836	\$	1,427	\$	2,174

⁽⁴⁾ 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.

Zscaler, Inc.
Non-GAAP Condensed Consolidated Statements of Operations - Fiscal Quarters (In thousands, except per share data)

Fiscal Quarter	Q2 FY17	Ç	3 FY17	Q ²	4 FY17	Q	1 FY18	Q	2 FY18	Q	3 FY18	Q	4 FY18	Q	1 FY19
End of Fiscal Quarter (MM/DD/YYYY)	1/31/2017	4	/30/2017	7/3	31/2017	10	/31/2017	1/.	31/2018	4/3	30/2018	7/	31/2018	10	/31/2018
Beginning of Fiscal Quarter (MM/DD/YYYY)	11/1/2016	2	2/1/2017	5/	1/2017	8	/1/2017	11	/1/2017	2/	1/2018	5/	/1/2018	8	/1/2018
Revenue	\$ 29,427	\$	32,964	\$	36,544	\$	39,861	\$	44,976	\$	49,163	\$	56,174	\$	63,298
Cost of revenue	6,427		6,891		7,931		8,162		8,553		9,225		11,178		11,596
Gross profit	23,000		26,073		28,613		31,699		36,423		39,938		44,996		51,702
Operating expenses:															
Sales and marketing	17,075		19,927		22,839		26,143		26,125		28,399		30,698		33,744
Research and development	6,382		7,472		8,266		8,411		8,689		8,947		10,287		10,296
General and administrative	2,643		3,643		4,678		4,543		4,314		5,471		6,390		6,470
Total operating expenses	26,100		31,042		35,783		39,097		39,128		42,817		47,375		50,510
Income (loss) from operations	(3,100))	(4,969)		(7,170)		(7,398)		(2,705)		(2,879)		(2,379)		1,192
Interest income, net	130		152		190		195		213		596		1,232		1,590
Other income (expense), net	(47))	31		(79)		(27)		28		14		64		(188)
Income (loss) before income taxes	(3,017)	,	(4,786)		(7,059)		(7,230)		(2,464)		(2,269)		(1,083)		2,594
Provision for income taxes	167		184		326		289		357		357		334		588
Non-GAAP net income (loss) attributable to common stockholders	\$ (3,184)	\$	(4,970)	\$	(7,385)	\$	(7,519)	\$	(2,821)	\$	(2,626)	\$	(1,417)	\$	2,006
Non-GAAP net income (loss) per share attributable to common stockholders, diluted	\$ (0.11)	\$	(0.17)	\$	(0.25)	\$	(0.24)	\$	(0.09)	\$	(0.04)	\$	(0.01)	\$	0.01
Weighted-average shares used in computing non- GAAP net income (loss) per share attributable to common stockholders, diluted	28,867		29,583		30,102		30,793		31,434		73,818		119,204		133,845
Pro forma non-GAAP net income (loss) per share attributable to common stockholders, diluted ⁽¹⁾	\$ (0.03)	\$	(0.05)	\$	(0.07)	\$	(0.07)	\$	(0.03)	\$	(0.02)	\$	(0.01)	\$	0.01
Weighted-average shares used in computing pro forma non-GAAP net income (loss) per share attributable to common stockholders, diluted ⁽¹⁾	101,368		102,083		102,603		103,293		103,935		112,105		119,204		133,845

⁽¹⁾ We define pro forma non-GAAP net income (loss) per share attributable to common stockholders as the weighted-average shares used in computing the non-GAAP net income (loss) per share attributable to common stockholders plus a pro forma adjustment to give effect to the automatic conversion of our redeemable convertible preferred stock into 72,500,750 shares of common stock as though the conversion had occurred as of the beginning of the periods presented. Upon the closing of our initial public offering on March 20, 2018, all our outstanding shares of redeemable convertible preferred stock automatically converted into 72,500,750 shares of common stock on a one-to-one basis. Refer to GAAP to Non-GAAP Reconciliations for further information.

Zscaler, Inc. Condensed Consolidated Balance Sheets - Fiscal Quarters (In thousands)

Fiscal Quarter End of Fiscal Quarter (MM/DD/YYYY)	Q2 FY17 1/31/2017	Q3 FY17 4/30/2017	Q4 FY17 7/31/2017	Q1 FY1		Q3 FY18 4/30/2018	Q4 FY18 7/31/2018	Q1 FY19 10/31/2018
Assets								
Current assets:								
Cash and cash equivalents	\$ 87,256	\$ 87,365	\$ 87,978	\$ 75,	760 \$ 71,569	\$ 287,443	\$ 135,579	\$ 42,786
Short-term investments							162,960	271,254
Accounts receivable, net	31,693	24,234	39,052	30,4	47,536	40,215	61,611	49,228
Deferred contract acquisition costs	7,890	8,560	10,469	10,8	315 12,271	13,753	16,136	16,387
Prepaid expenses and other current assets	4,504	4,146	5,410	6,0	085 6,754	9,036	10,878	11,949
Total current assets	131,343	124,305	142,909	123,0	91 138,130	350,447	387,164	391,604
Property and equipment, net	12,230	12,750	13,139	15,		20,441	19,765	24,132
Deferred contract acquisition costs, non-current	16,786	18,245	24,193	25,	.87 27,672	32,755	39,774	39,591
Other noncurrent assets	1,049	1,318	2,661	5,0	96 5,512	1,895	1,078	2,767
Total assets	\$ 161,408	\$ 156,618	\$ 182,902	\$ 169,0	86 \$ 188,172	\$ 405,538	\$ 447,781	\$ 458,094
Liabilities, redeemable convertible preferred stock and stockholders' equity (deficit)								
Current liabilities:								
Accounts payable	\$ 2,190	\$ 1,830	\$ 3,763	\$ 2,4	104 \$ 2,343	\$ 4,944	\$ 4,895	\$ 4,573
Accrued expenses and other current liabilities	5,283	5,575	11,648	12,0	573 11,177	13,767	12,313	14,925
Accrued compensation	6,053	6,698	11,608	8,	15 10,423	14,820	23,393	18,686
Liability for early exercised stock options	4,952	3,851	7,972	4,	20 4,522	2,625	1,561	1,249
Deferred revenue	71,248	70,684	85,468	88,4	107,907	111,035	140,670	144,472
Total current liabilities	89,726	88,638	120,459	115,	773 136,372	147,191	182,832	183,905
Deferred revenue, noncurrent	7,843	7,056	11,151	9,8	305 11,350	13,771	23,353	20,807
Other noncurrent liabilities	1,453	1,492	1,457	1,4	1,422	1,384	1,360	1,204
Total liabilities	99,022	97,186	133,067	126,9	149,144	162,346	207,545	205,916
Redeemable convertible preferred stock	196,140	198,495	200,977	203,	206,086	_	_	_
Stockholders' equity (deficit):								
Common stock	17	18	18		19 19	119	119	122
Additional paid-in capital	16,737	17,497	18,734	20,	.33 21,045	434,250	438,392	455,761
Notes receivable from stockholders	(9,323)	(7,831)	(7,878)	(7,	(7,755)	(2,039)	(2,051)	_
Accumulated other comprehensive loss	_	_	_			_	(124)	(317)
Accumulated deficit	(141,185)	(148,747)	(162,016)	(173,	(180,367)	(189,138)	(196,100)	(203,388)
Total stockholders' equity (deficit)	(133,754)	(139,063)	(151,142)	(161,4	(167,058)	243,192	240,236	252,178
Total liabilities, redeemable convertible preferred stock and stockholders' equity (deficit)	\$ 161,408	\$ 156,618	\$ 182.902	\$ 169.0	086 \$ 188,172	\$ 405,538	\$ 447,781	\$ 458,094

Zscaler, Inc. Condensed Consolidated Cash flows - Fiscal Quarters (In thousands)

Fiscal Reporting Quarter End of Fiscal Quarter (MM/DD/YYYY)	Q2 FY17 1/31/2017	Q3 FY17 4/30/2017	Q4 FY17 7/31/2017	Q1 FY18 10/31/2017	Q2 FY18 1/31/2018	Q3 FY18 4/30/2018	Q4 FY18 7/31/2018	Q1 FY19 10/31/2018
Beginning of Fiscal Quarter (MM/DD/YYYY)	1/31/2017	2/1/2017	5/1/2017	8/1/2017	1/31/2018	2/1/2018	5/1/2018	8/1/2018
Beginning of Piscal Quarter (Wilvi/DD/1111)	11/1/2010	2/1/201/	3/1/2017		11/1/201/	2/1/2018	3/1/2018	6/1/2018
Cash flows from operating activities								
Net loss	\$ (9,388)	\$ (7,562)	\$ (13,269)	\$ (11,398)	\$ (6,515)	\$ (8,771)	\$ (6,962)	\$ (7,588)
Adjustments to reconcile net loss to cash used in operating activities:								
Depreciation and amortization expense	1,768	1,736	1,833	1,921	1,989	1,932	2,146	2,170
Amortization expense of acquired intangible assets	_	_	_	_	_	_	_	95
Amortization of deferred contract acquisition costs	1,969	2,166	2,482	2,868	3,064	3,422	3,827	4,324
Stock-based compensation expense	5,726	1,586	1,583	1,733	2,064	3,309	4,118	7,586
Other	(61)	42	(43)	(47)	(45)	370	(148)	(317)
Changes in operating assets and liabilities:	44 =0.0	- 4-0	(4.4.04.0)	0.684	(1= 100)		(24.200)	4.000
Accounts receivable	(11,796)	7,459	(14,818)	8,621	(17,103)	7,321	(21,398)	12,383
Deferred contract acquisition costs	(4,755)	(4,295)	(10,339)	(4,208)	(7,005)	(9,987)	(13,229)	(4,392)
Prepaid expenses and other assets	(898)	99	(1,280)	(686)	(408)	(2,247)	(1,727)	(1,138)
Accounts payable	216	(613)	2,111	(2,065)	(146)	591	841	(768)
Accrued expenses and other liabilities	741	331	4,243	755	(310)	2,231	(600)	2,110
Accrued compensation	1,109	645	4,910	(3,493)	2,308	4,397	8,573	(4,707)
Deferred revenue	14,767	(1,351)	18,879	1,647	20,991	5,549	39,217	1,256
Net cash provided by (used in) operating activities	(602)	243	(3,708)	(4,352)	(1,116)	8,117	14,658	11,014
Cash flows from investing activities:	(1.450)	(1.050)	(1.400)	(4.010)	(2.025)	(2.0.62)	(2.200)	/5 41 41
Purchases of property and equipment	(1,479)	(1,878)	(1,492)	(4,010)	(3,035)	(3,963)	(2,389)	(5,414)
Capitalized internal-use software	_	(146)	(245)	(534)	(416)	(474)	(349)	(356)
Acquired intangible assets	_	_	_	_	_	_		(1,480)
Purchases of short-term investments	_	_	_	_	_	_	(163,366)	(137,429)
Proceeds from maturities of short-term investments	(1.450)				(2.451)		433	29,333
Net cash used in investing activities	(1,479)	(2,024)	(1,737)	(4,544)	(3,451)	(4,437)	(165,671)	(115,346)
Cash flows from financing activities:								
Proceeds from issuance of common stock in initial public offering, net of underwriting discounts	_	_	_	_	_	205,344	_	_
Payments of costs related to initial public offering	_	_	(31)	(1,443)	(1,453)	(670)	(770)	(230)
Proceeds from issuance of preferred stock, net of issuance costs	_	_	_	_	_	_	_	_
Proceeds from issuance of common stock upon exercise of stock options	649	429	1,556	1,211	960	2,174	640	9,796
Proceeds from issuance of common stock related to early exercised stock options	_	_	4,701	_	869	_	_	_
Repurchase of unvested common stock	_	_	_	(3,090)	_	_	(721)	(22
Repayment of notes receivable from stockholders		1,461				5,346		1,905
Net cash provided by (used in) financing activities	649	1,890	6,226	(3,322)	376	212,194	(851)	11,449
Net increase (decrease) in cash, cash equivalents and restricted cash	(1,432)	109	781	(12,218)	(4,191)	215,874	(151,864)	(92,883)
Cash, cash equivalents and restricted cash at beginning of period	89,088	87,656	87,765	88,546	76,328	72,137	288,011	136,147
Cash, cash equivalents and restricted cash at end of period	\$ 87,656	\$ 87,765	\$ 88,546	\$ 76,328	\$ 72,137	\$ 288,011	\$ 136,147	\$ 43,264
Reconciliation of cash, cash equivalents, and restricted cash within the condensed consolidated balance sheets to the amounts shown in the statements of cash flows above:								
Cash and cash equivalents	\$ 87,256	\$ 87,365	\$ 87,978	\$ 75,760	\$ 71,569	\$ 287,443	\$ 135,579	\$ 42,786
Restricted cash, current	_	_	_	180	180	180	236	186
Restricted cash, non-current	400	400	568	388	388	388	332	292
Total cash, cash equivalents and restricted cash	\$ 87,656	\$ 87,765	\$ 88,546	\$ 76,328	\$ 72,137	\$ 288,011	\$ 136,147	\$ 43,264

Zscaler, Inc.
GAAP to Non-GAAP Reconciliations - Fiscal Quarters
(In thousands, except per percentage data and per share data

Fiscal Quarter	(Q2 FY17	(Q3 FY17	(Q4 FY17		Q1 FY18	(Q2 FY18	(Q3 FY18	(Q4 FY18	(Q1 FY19
End of Fiscal Quarter (MM/DD/YYYY)	1	/31/2017	4/30/2017		7/31/2017		10/31/2017		1/31/2018		2	1/30/2018	7	7/31/2018	10	0/31/2018
Beginning of Fiscal Quarter (MM/DD/YYYY)	_1	1/1/2016		2/1/2017		5/1/2017	_	8/1/2017		11/1/2017	_	2/1/2018	_	5/1/2018		8/1/2018
GAAP gross profit	\$	22,912	\$	25,967	\$	28,510	\$	31,590	\$	36,297	\$	39,739	\$	44,673	\$	51,199
Stock-based compensation expense		88		106		103		109		126		199		323		503
Non-GAAP total gross profit	\$	23,000	\$	26,073	\$	28,613	\$	31,699	\$	36,423	\$	39,938	\$	44,996	\$	51,702
Non-GAAP total gross margin		78.2 %		79.1 %		78.3 %		79.5 %		81.0 %		81.2 %		80.1 %		81.7%
GAAP sales and marketing expense	\$	17,796	\$	20,689	\$	23,635	\$	26,928	\$	27,110	\$	29,892	\$	32,479	\$	36,545
Stock-based compensation expense		721		762		796		785		985		1,493		1,781		2,801
Non-GAAP sales and marketing expense	\$	17,075	\$	19,927	\$	22,839	\$	26,143	\$	26,125	\$	28,399	\$	30,698	\$	33,744
Non-GAAP sales and marketing expense as a percentage of revenue		58.0 %		60.5 %		62.5 %		65.6 %		58.1 %		57.8 %		54.6 %		53.3%
GAAP research and development expense	\$	11,033	\$	7,778	\$	8,609	\$	8,809	\$	9,183	\$	9,907	\$	11,480	\$	13,186
Stock-based compensation expense		4,651		306		343		398		494		960		1,193		2,795
Amortization expense of acquired intangible assets				_		_		_		_		_				95
Non-GAAP research and development expense	\$	6,382	\$	7,472	\$	8,266	\$	8,411	\$	8,689	\$	8,947	\$	10,287	\$	10,296
Non-GAAP research and development expense as a percentage of revenue		21.7 %		22.7 %		22.6 %		21.1 %		19.3 %		18.2 %		18.3 %		16.3%
GAAP general and administrative expense	\$	3,387	\$	5,061	\$	9,320	\$	7,130	\$	6,403	\$	8,964	\$	8,638	\$	10,131
Stock-based compensation expense	*	266	•	412	•	341	•	441	•	459	•	657	•	821	-	1,487
Litigation-related expenses		478		1,006		4,301		2,146		1,630		2,836		1,427		2,174
Non-GAAP general and administrative expense	\$	2,643	\$	3,643	\$	4,678	\$	4,543	\$	4,314	\$	5,471	\$	6,390	\$	6,470
Non-GAAP general and administrative expense as a percentage of revenue		9.0 %		11.1 %		12.8 %		11.4 %		9.6 %		11.1 %		11.4 %		10.2%
GAAP total operating expenses	\$	32,216	\$	33,528	\$	41,564	\$	42,867	\$	42,696	\$	48,763	\$	52,597	\$	59,862
Stock-based compensation expense		5,638		1,480		1,480		1,624		1,938		3,110		3,795		7,083
Litigation-related expenses		478		1,006		4,301		2,146		1,630		2,836		1,427		2,174
Amortization expense of acquired intangible assets		_		_		_		_		_		_		_		95
Non-GAAP total operating expenses	\$	26,100	\$	31,042	\$	35,783	\$	39,097	\$	39,128	\$	42,817	\$	47,375	\$	50,510
Non-GAAP total operating expenses as a percentage of revenue		88.7 %		94.2 %		97.9 %		98.1 %		87.0 %		87.1 %		84.3 %		79.8%

Zscaler, Inc. GAAP to Non-GAAP Reconciliations - Fiscal Quarters (In thousands, except per percentage data and per share

Fiscal Quarter End of Fiscal Quarter (MM/DD/YYYY)	Q2 FY17 1/31/2017		Q3 FY17 4/30/2017			Q4 FY17 7/31/2017	Q1 FY18 10/31/2017		Q2 FY18 1/31/2018			Q3 FY18 -/30/2018		Q4 FY18 7/31/2018		Q1 FY19 0/31/2018
Beginning of Fiscal Quarter (MM/DD/YYYY)	1	1/1/2016	2	2/1/2017		5/1/2017		8/1/2017	1	1/1/2017		2/1/2018	:	5/1/2018		3/1/2018
GAAP loss from operations	\$	(9,304)	\$	(7,561)	\$	(13,054)	\$	(11,277)	\$	(6,399)	\$	(9,024)	\$	(7,924)	\$	(8,663)
Stock-based compensation expense	Ф	5,726	Ф	1,586	Ф	1,583	Ф	1,733	Ф	2,064	Ф	3,309	Ф	4,118	Ф	7,586
Litigation-related expenses		478		1,006		4,301		2,146		1,630		2,836		1,427		2,174
Amortization expense of acquired intangible assets		- 770				- ,501				1,030 —		2,650		1, 1 2/		95
Non-GAAP income (loss) from operations	\$	(3,100)	\$	(4,969)	\$	(7,170)	\$	(7,398)	\$	(2,705)	\$	(2,879)	\$	(2,379)	\$	1,192
Non-GAAP operating margin	=	(10.5)%	_	(15.1)%		(19.6)%	_	(18.6)%	_	(6.0)%		(5.9)%	_	(4.2)%	_	1.9%
		()								()		()		, ,		
GAAP net loss	\$	(9,388)	\$	(7,562)	\$	(13,269)	\$	(11,398)	\$	(6,515)	\$	(8,771)	\$	(6,962)	\$	(7,588)
Stock-based compensation expense		5,726		1,586		1,583		1,733		2,064		3,309		4,118		7,586
Litigation-related expenses		478		1,006		4,301		2,146		1,630		2,836		1,427		2,174
Amortization expense of acquired intangible assets		_		_		_		_		_		_		_		95
Income tax expense effects (1)		_		_		_		_		_		_		_		(261)
Non-GAAP net income (loss)	\$	(3,184)	\$	(4,970)	\$	(7,385)	\$	(7,519)	\$	(2,821)	\$	(2,626)	\$	(1,417)	\$	2,006
GAAP net loss attributable to common stockholders	\$	(11,777)	\$	(9,917)	\$	(15,751)	\$	(13,928)	\$	(9,094)	\$	(9,994)	\$	(6,962)	\$	(7,588)
Stock-based compensation expense		5,726		1,586		1,583		1,733		2,064		3,309		4,118		7,586
Litigation-related expenses		478		1,006		4,301		2,146		1,630		2,836		1,427		2,174
Amortization expense of acquired intangible assets		_		_		_		_		_		_		_		95
Accretion of Series C and D redeemable convertible preferred stock		2,389		2,355		2,482		2,530		2,579		1,223		_		_
Income tax expense effects (1)		_		_		_		_		_		_		_		(261)
Non-GAAP net income (loss) attributable to common stockholders	\$	(3,184)	\$	(4,970)	\$	(7,385)	\$	(7,519)	\$	(2,821)	\$	(2,626)	\$	(1,417)	\$	2,006
GAAP net loss per share attributable to common stockholders, basic and diluted	s	(0.41)	\$	(0.34)	\$	(0.52)	\$	(0.45)	\$	(0.29)	\$	(0.14)	\$	(0.06)	\$	(0.06)
Stock-based compensation expense		0.20		0.05		0.05	_	0.06	_	0.07	•	0.04		0.03	•	0.06
Litigation-related expenses		0.02		0.03		0.14		0.07		0.05		0.04		0.01		0.02
Amortization expense of acquired intangible assets		_		_		_		_		_		_		_		_
Accretion of Series C and D redeemable convertible preferred stock		0.08		0.08		0.08		0.08		0.08		0.02		_		_
Income tax expense effects		_		_		_		_		_		_		_		_
Non-GAAP net income (loss) per share attributable to common stockholders, basic and diluted ⁽²⁾	\$	(0.11)	\$	(0.17)	\$	(0.25)	\$	(0.24)	\$	(0.09)	\$	(0.04)	\$	(0.01)	\$	0.01
Weighted-average shares used in computing non-GAAP net income (loss) per share attributable to common stockholders, diluted		28,867		29,583		30,102		30,793		31,434		73,818		119,204		133,845

Zscaler, Inc. GAAP to Non-GAAP Reconciliations - Fiscal Quarters (In thousands, except per percentage data and per share

Fiscal Quarter	Q2 FY17	Q3 FY17	Q4 FY17	Q1 FY18	Q2 FY18	Q3 FY18	Q4 FY18	Q1 FY19
End of Fiscal Quarter (MM/DD/YYYY)	1/31/2017	4/30/2017	7/31/2017	10/31/2017	1/31/2018	4/30/2018	7/31/2018	10/31/2018
Beginning of Fiscal Quarter (MM/DD/YYYY)	11/1/2016	2/1/2017	5/1/2017	8/1/2017	11/1/2017	2/1/2018	5/1/2018	8/1/2018
Numerator:								
Non-GAAP net income (loss) attributable to common stockholders (from above)	\$ (3,184)	\$ (4,970)	\$ (7,385)	\$ (7,519)	\$ (2,821)	\$ (2,626)	\$ (1,417)	\$ 2,006
Denominator:								
Weighted-average shares used in computing of GAAP net loss per share attributable to common stockholders, basic and diluted (3)	28,867	29,583	30,102	30,793	31,434	73,818	119,204	120,587
Potentially diluted shares	_	_	_	_	_	_	_	13,258
Pro forma adjustment to reflect assumed conversion of our convertible preferred stock as of the beginning of the period ⁽⁴⁾	72,501	72,500	72,501	72,500	72,501	38,287	_	_
Weighted-average shares used in computing the pro forma non-GAA net income (loss) per share attributable to common stockholders, diluted ⁽⁴⁾	101,368	102,083	102,603	103,293	103,935	112,105	119,204	133,845
Pro forma non-GAAP net income (loss) per share attributable to common stockholders, diluted $^{\rm (4)}$	\$ (0.03)	\$ (0.05)	\$ (0.07)	\$ (0.07)	\$ (0.03)	\$ (0.02)	\$ (0.01)	\$ 0.01

⁽¹⁾ The income tax expense effects for our fiscal quarter ended October 31, 2018, relate primarily to the excess tax deduction of stock-based compensation recognized in the current quarter. The income tax effects from foreign jurisdictions were not material in prior periods. For our U.S. entities, we do not include the impact of income taxes on the non-GAAP items due to our continued history of non-GAAP losses and full valuation allowance.

⁽²⁾ The sum of the non-GAAP per share attributable to common stockholders of individual line items excluded from our non-GAAP net loss may not total to the non-GAAP net loss per share attributable to common stockholders due to rounding.

⁽³⁾ 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.

⁽⁴⁾ We define pro forma non-GAAP net income (loss) per share attributable to common stockholders as the weighted-average shares used in computing the GAAP net loss per share attributable to common stockholders plus a pro forma adjustment to give effect to the automatic conversion of our redeemable convertible preferred stock into 72,500,750 shares of common stock as though the conversion had occurred as of the beginning of the periods presented. Upon the closing of our initial public offering on March 20, 2018, all our outstanding shares of redeemable convertible preferred stock automatically converted into 72,500,750 shares of common stock on a one-to-one basis.

Zscaler, Inc. Non-GAAP Free Cash Flow and Free Cash Flow Margin - Fiscal Quarter (In thousands, except per percentage data)

Fiscal Quarter	Q2 FY17		FY17 Q3 FY17		Q4 FY17		Q1 FY18		Q2 FY18		Q	3 FY18	(Q4 FY18	Q	1 FY19
End of Fiscal Quarter (MM/DD/YYYY)	1	1/31/2017		4/30/2017		7/31/2017		10/31/2017		/31/2018	4/30/2018		7/31/2018		10	/31/2018
Beginning of Fiscal Quarter (MM/DD/YYYY)	1	1/1/2016	2/1/2017		5/1/2017		8/1/2017		11/1/2017		2/1/2018			5/1/2018	1/2018 8/	
Non-GAAP Free Cash Flows																
Net cash provided by (used in) operating activities	\$	(602)	\$	243	\$	(3,708)	\$	(4,352)	\$	(1,116)	\$	8,117	\$	14,658	\$	11,014
Less: Purchases of property and equipment		(1,479)		(1,878)		(1,492)		(4,010)		(3,035)		(3,963)		(2,389)		(5,414)
Less: Capitalized internal-use software costs		_		(146)		(245)		(534)		(416)		(474)		(349)		(356)
Free cash flow	\$	(2,081)	\$	(1,781)	\$	(5,445)	\$	(8,896)	\$	(4,567)	\$	3,680	\$	11,920	\$	5,244
Free Cash Flow Margin																
Net cash provided by (used in) operating activities, as a percentage of revenue		(2)%		1 %		(10)%		(11)%		(2)%		16%		26%		17%
Less: Purchases of property and equipment, as a percentage of revenue		(5)		(6)		(4)		(10)		(7)		(8)		(4)		(8)
Less: Capitalized internal-use software costs, as a percentage of revenue		_				(1)		(1)		(1)		(1)		(1)		(1)
Free cash flow margin		(7)%		(5)%		(15)%		(22)%		(10)%		7%		21%		8%

Zscaler, Inc. Non-GAAP Calculated Billings - Fiscal Quarters (In thousands, except per percentage data)

Fiscal Quarter	Ç	22 FY17	(Q3 FY17	(Q4 FY17	(Q1 FY18	(Q2 FY18	(Q3 FY18		Q4 FY18	(Q1 FY19
End of Fiscal Quarter (MM/DD/YYYY)	1.	/31/2017	4	/30/2017	7	/31/2017	1	0/31/2017	1	/31/2018	4	/30/2018	•	7/31/2018	10	0/31/2018
Beginning of Fiscal Quarter (MM/DD/YYYY)	1	1/1/2016		2/1/2017		5/1/2017		8/1/2017	1	1/1/2017		2/1/2018		5/1/2018	8	3/1/2018
Calculated Billings																
Total revenue	\$	29,427	\$	32,964	\$	36,544	\$	39,861	\$	44,976	\$	49,163	\$	56,174	\$	63,298
Add: Total deferred revenue, end of period		79,091		77,740		96,619		98,266		119,257		124,806		164,023		165,279
Less: Total deferred revenue, beginning of period		(64,324)		(79,091)		(77,740)		(96,619)		(98,266)		(119,257)		(124,806)		(164,023)
Calculated billings	\$	44,194	\$	31,613	\$	55,423	\$	41,508	\$	65,967	\$	54,712	\$	95,391	\$	64,554
Year-over-year growth - calculated billings		54%		49%		65%		65%		49%		73%		72%		56%