UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8 REGISTRATION STATEMENT

Under The Securities Act of 1933

Palo Alto Networks, Inc.

(Exact name of Registrant as specified in its charter)

Dela	Wa	ar	e	

(State or other jurisdiction of incorporation or organization)

20-2530195

(I.R.S. Employer Identification No.)

3000 Tannery Way Santa Clara, California 95054 (Address of principal executive offices, including zip code)

> 2012 Equity Incentive Plan 2012 Employee Stock Purchase Plan (Full title of the plan)

Mark D. McLaughlin Chief Executive Officer Palo Alto Networks, Inc. 3000 Tannery Way Santa Clara, California 95054 (408) 753-4000

(Name, address and telephone number, including area code, of agent for service)

Copies to:

Jeffrey D. Saper Wilson Sonsini Goodrich & Rosati Professional Corporation 650 Page Mill Road Palo Alto, California 94304 (650) 493-9300 Jeffrey C. True General Counsel Palo Alto Networks, Inc. 3000 Tannery Way Santa Clara, California 95054 (408) 753-4000

Indicate 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 "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer x Accelerated filer x Accelerated filer x Smaller reporting company x Smaller reporting company x Emerging growth company x

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 7(a)(2)(B) of the Securities Act. \Box

CALCULATION OF REGISTRATION FEE

be Offering Price	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
,336 ⁽²⁾ \$132.99 ⁽⁴⁾	\$547,830,494.64	\$63,493.56
o st	nount Maximum o be Offering Price stered ⁽¹⁾ Per Share	nount Maximum Maximum o be Offering Price Aggregate stered ⁽¹⁾ Per Share Offering Price

issuance pursuant to the 2012 Equity Incentive Plan					
Common Stock, \$0.0001 par value per share, reserved for issuance pursuant to the 2012 Employee Stock Purchase					
Plan	915,408 ⁽³⁾	\$113.05 ⁽⁵⁾	\$103,486,874.40	\$11,994.13	
TOTAL:	5,034,744		\$651,317,369.04	\$75,487.69	

- (1) Pursuant to Rule 416(a) of the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement shall also cover any additional shares of the Registrant's common stock ("Common Stock") that become issuable under the Registrant's 2012 Equity Incentive Plan (the "2012 Plan") and the Registrant's 2012 Employee Stock Purchase Plan (the "2012 ESPP") by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without receipt of consideration that increases the number of outstanding shares of Common Stock.
- (2) Reflects an automatic annual increase to the number of shares of Common Stock reserved for issuance pursuant to future awards under the 2012 Plan, which increase is provided for in the 2012 Plan.
- (3) Reflects an automatic annual increase to the number of shares of Common Stock reserved for issuance under the 2012 ESPP, which increase is provided for in the 2012 ESPP.
- (4) Estimated in accordance with Rule 457(c) and (h) of the Securities Act solely for the purpose of calculating the registration fee on the basis of \$132.99 per share, which is the average of the high and low prices of Common Stock as reported on the New York Stock Exchange on August 31, 2017.
- (5) Estimated in accordance with Rule 457(c) and (h) of the Securities Act solely for the purpose of calculating the registration fee on the basis of \$113.05 per share, which is 85% of the average of the high and low prices of Common Stock as reported on the New York Stock Exchange on August 31, 2017. Pursuant to the 2012 ESPP, the purchase price of the shares of Common Stock reserved for issuance thereunder will be 85% of the lower of the fair market value of a share of Common Stock on the first trading day of the offering period or on the last trading day of the offering period.

PART I

INFORMATION REQUIRED IN THE PROSPECTUS

The information specified in Item 1 and Item 2 of Part I of Form S-8 is omitted from this Registration Statement on Form S-8 (this "**Registration Statement**") in accordance with the provisions of Rule 428 under the Securities Act of 1933, as amended (the "**Securities Act**"), and the introductory note to Part I of Form S-8. The documents containing the information specified in Part I of Form S-8 will be delivered to the participants in the equity benefit plans covered by this Registration Statement as specified by Rule 428(b)(1) under the Securities Act.

PART II

INFORMATION REQUIRED IN REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

Palo Alto Networks, Inc. (the "**Registrant**") hereby incorporates by reference into this Registration Statement the following documents previously filed with the Securities and Exchange Commission (the "**Commission**"):

- (1) The Registrant's Annual Report on Form 10-K for the fiscal year ended July 31, 2017 filed with the Commission on September 7, 2017 (the "Annual Report");
- (2) All other reports filed pursuant to Sections 13(a) or 15(d) of the Exchange Act of 1934, as amended (the "**Exchange Act**") since the end of the fiscal year covered by the Annual Report (other than the portions of these documents not deemed to be filed); and
- (3) The description of the Registrant's Common Stock contained in the Registrant's Registration Statement on Form 8-A (File No. 001-35594) filed with the Commission on July 9, 2012, pursuant to Section 12(b) of the Exchange Act, including any amendment or report filed for the purpose of updating such description.

All documents filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act on or after the date of this Registration Statement and prior to the filing of a post-effective amendment to this Registration Statement that indicates that all securities offered have been sold or that deregisters all securities then remaining unsold shall be deemed to be incorporated by reference in this Registration Statement and to be part hereof from the date of filing of such documents; *provided*, *however*, that documents or information deemed to have been furnished and not filed in accordance with the rules of the Commission shall not be deemed incorporated by reference into this Registration Statement. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any subsequently filed document which also is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

Not applicable.

Item 6. Indemnification of Directors and Officers.

Section 145 of the General Corporation Law of the State of Delaware authorizes a corporation's board of directors to grant, and authorizes a court to award, indemnity to officers, directors and other corporate agents under certain circumstances.

As permitted by Section 102(b)(7) of the General Corporation Law of the State of Delaware, the Registrant's certificate of incorporation includes provisions that eliminate the personal liability of its directors for monetary damages resulting from breaches of their fiduciary duties as directors to the fullest extent permitted by applicable law. In addition, the certificate of incorporation provides that the Registrant is required to indemnify, to the fullest extent permitted by applicable law, any director or officer of the Registrant who is or was a party or is threatened to be made a party to any proceeding (other than a proceeding by or in the right of the Registrant that has not been approved by the Registrant's board of directors) by reason of the fact that he

or she is or was serving in such capacity or is or was serving at the request of the Registrant as a director, officer, employee or agent of another entity, against expenses, judgments and other amounts paid in settlement actually and reasonably incurred by such person.

In addition, as permitted by Section 145 of the General Corporation Law of the State of Delaware, the amended and restated certificate of incorporation and bylaws of the Registrant provide that:

- The Registrant is required to indemnify, to the fullest extent permitted by applicable law, any director or officer of the Registrant who was or is a party or is threatened to be made a party to any proceeding (other than a proceeding by or in the right of the Registrant) by reason of the fact that he or she is or was serving in such capacity or is or was serving at the request of the Registrant as a director, officer, employee or agent of another entity, against expenses, judgments and other amounts paid in settlement actually and reasonably incurred by such person if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Registrant, and, with respect to any criminal action or proceeding, had no reasonable cause to believe such person's conduct was unlawful;
- The Registrant is required to indemnify, to the fullest extent permitted by applicable law, any person who was or is a party or is threatened to be made a party to any threatened, pending or completed proceeding by or in the right of the Registrant to procure a judgment in its favor by reason of the fact that such person is or was serving in such capacity or is or was serving at the request of the Registrant as a director, officer, employee or agent of another entity, against expenses actually and reasonably incurred by such person in connection with the defense or settlement of such proceeding if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Registrant, unless the court in which such proceeding is brought determines that such person is liable to the Registrant and does not determine that, despite such liability, such person is fairly and reasonably entitled to indemnification for such expenses;
- The Registrant is required to advance expenses, as incurred, to its directors and officers in connection with defending a proceeding, provided that such director or officer must undertake to repay such advances if it is ultimately determined that such person is not entitled to indemnification; and
- The rights conferred in the certificate of incorporation and bylaws are not exclusive, and the Registrant is authorized to enter into indemnification agreements with its directors and officers and to obtain insurance to indemnify such persons.

In addition, the Registrant's policy is to enter into separate indemnification agreements with each of its directors and officers that require the Registrant to indemnify its directors and officers, to the maximum extent permitted by applicable law, and also provide for certain procedural protections.

The indemnification obligations described above may be sufficiently broad to permit the indemnification of the Registrant's directors and officers for liabilities (including reimbursement for expenses incurred) arising under the Securities Act.

Item 7. Exemption from Registration Claimed.

Not applicable.

Item 8. Exhibits.

Exhibit Number	Exhibit Description	
4.1	Specimen common stock certificate of the Registrant (which is incorporated herein by reference to Exhibit 4.1 to the Registrant's Registration Statement on Form S-1 (Registration No. 333-180620), as declared effective by the Commissio on July 19, 2012).	
5.1	Opinion of Wilson Sonsini Goodrich & Rosati, Professional Corporation.	
23.1	Consent of Ernst & Young LLP, Independent Registered Public Accounting Firm.	
23.2	Consent of Wilson Sonsini Goodrich & Rosati, Professional Corporation (contained in Exhibit 5.1 hereto).	
24.1	Power of Attorney (contained on signature page hereto).	
99.1	2012 Equity Incentive Plan, as amended (which is incorporated herein by reference to Exhibit 10.3 to the Registrant's Form 10-K filed with the Commission on September 18, 2014).	
99.2	2012 Employee Stock Purchase Plan, as amended and restated (which is incorporated herein by reference to Exhibit 10.4 to the Registrant's Form 10-K filed with the Commission on September 7, 2017).	

Item 9. Undertakings.

- A. The undersigned Registrant hereby undertakes:
 - (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:
 - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;
 - (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and
 - (iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement.

Provided, however, that paragraphs (A)(1)(i) and (A)(1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in this Registration Statement.

- (2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- B. The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

C. Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Santa Clara, State of California, on September 7, 2017.

PALO ALTO NETWORKS, INC.

/s/ MARK D. By: McLaughlin

Mark D. McLaughlin
Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints Mark D. McLaughlin and Steffan C. Tomlinson, and each of them, as his true and lawful attorney-in-fact and agent with full power of substitution, for him in any and all capacities, to sign any and all amendments to this Registration Statement (including post-effective amendments), and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact, proxy and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully for all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorney-in-fact, proxy and agent, or his substitute, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement on Form S-8 has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
/s/ MARK D. McLaughlin Mark D. McLaughlin	Chief Executive Officer and Director (Principal Executive Officer)	September 7, 2017
/s/ STEFFAN C. TOMLINSON Steffan C. Tomlinson	Chief Financial Officer (Principal Accounting and Financial Officer)	September 7, 2017
/s/ NIR ZUK Nir Zuk	Chief Technical Officer and Director	September 7, 2017
/s/ FRANK CALDERONI Frank Calderoni	Director	September 7, 2017
/s/ ASHEEM CHANDNA Asheem Chandna	Director	September 7, 2017
/s/ JOHN M. DONOVAN John M. Donovan	Director	September 7, 2017
/s/ CARL ESCHENBACH Carl Eschenbach	Director	September 7, 2017
/s/ JAMES J. GOETZ James J. Goetz	Director	September 7, 2017
/s/ MARY PAT McCarthy Mary Pat McCarthy	Director	September 7, 2017
/s/ STANLEY J. MERESMAN Stanley J. Meresman	Director	September 7, 2017
/s/ SRIDHAR RAMASWAMY Sridhar Ramaswamy	Director	September 7, 2017
/s/ DANIEL J. WARMENHOVEN Daniel J. Warmenhoven	Director	September 7, 2017

INDEX TO EXHIBITS

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OPINION OF WILSON SONSINI GOODRICH & ROSATI PROFESSIONAL CORPORATION

September 7, 2017

Palo Alto Networks, Inc. 3000 Tannery Way Santa Clara, California 95054

Re: Registration Statement on Form S-8

Ladies and Gentlemen:

We have examined the Registration Statement on Form S-8 (the "**Registration Statement**") to be filed by Palo Alto Networks, Inc., a Delaware corporation, with the Securities and Exchange Commission on or about the date hereof, in connection with the registration under the Securities Act of 1933, as amended, of 4,119,336 shares of Common Stock reserved for issuance pursuant to the Palo Alto Networks, Inc. 2012 Equity Incentive Plan and 915,408 shares of Common Stock reserved for issuance pursuant to the Palo Alto Networks, Inc. 2012 Employee Stock Purchase Plan (which plans are referred to herein as the "**Plans**" and which shares of common stock are referred to herein as the "**Shares**").

On the basis of the foregoing, and in reliance thereon, we are of the opinion that the Shares, when issued and sold in the manner referred to in the Plans and pursuant to the agreements that accompany the Plans, will be legally and validly issued, fully paid and nonassessable.

We consent to the use of this opinion as an exhibit to the Registration Statement, and further consent to the use of our name wherever appearing in the Registration Statement and any amendments thereto.

Very truly yours,

WILSON SONSINI GOODRICH & ROSATI Professional Corporation

/s/ Wilson Sonsini Goodrich & Rosati, P.C.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Palo Alto Networks, Inc. 2012 Equity Incentive Plan and 2012 Employee Stock Purchase Plan of our reports dated September 7, 2017, with respect to the consolidated financial statements of Palo Alto Networks, Inc. and the effectiveness of internal control over financial reporting of Palo Alto Networks, Inc. included in its Annual Report (Form 10-K) for the year ended July 31, 2017, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

San Jose, California September 7, 2017