Registration No. 333-83729 Registration No. 333-54278 Registration No. 333-112831 Registration No. 333-131705

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

POST-EFFECTIVE AMENDMENT NO. 1 TO FORM S-8 REGISTRATION STATEMENT NO. 333-83729 FORM S-8 REGISTRATION STATEMENT NO. 333-54278 FORM S-8 REGISTRATION STATEMENT NO. 333-112831 FORM S-8 REGISTRATION STATEMENT NO. 333-131705

under the SECURITIES ACT OF 1933

EXTREME NETWORKS, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization) (I.R.S. Employer Incorporation or Organization) (Identification No.)

145 Rio Robles San Jose, California

95134

77-0430270

(Address of Principal Executive Offices)

(Zip Code)

Extreme Networks, Inc. 1999 Employee Stock Purchase Plan (Full Titles of the Plan)

Allison Amadia
Vice President, General Counsel, and Corporate Secretary
Extreme Networks, Inc.
145 Rio Robles
San Jose, California 95135
(408) 579-2800

(Name, Address and Telephone Number, including Area Code, of Agent for Service)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large Accelerated Filer o Accelerated Filer x

Non-Accelerated Filer o Smaller reporting company o

PARTIAL DEREGISTRATION OF SHARES OF COMMON STOCK

These post-effective amendments relate to the following Registration Statements on Form S-8 (collectively, the "Prior Registration Statements") of Extreme Networks, Inc. ("Extreme"):

File No. 333-83729, pertaining to the registration of 2,000,000 shares of common stock, par value \$0.001 per share of Extreme ("Common Stock"), issuable under Extreme Networks, Inc. 1999 Employee Stock Purchase Plan, (the "1999 ESPP Plan") which was filed with the Securities and Exchange Commission (the "SEC") and became effective on July 26, 1999;

File No. 333-54278, pertaining to the registration of an additional 2,000,000 shares of common stock issuable under the 1999 ESPP Plan which was filed with the SEC and became effective on January 25, 2001;

File No. 333-112831, pertaining to the registration of an additional 3,000,000 shares of common stock issuable under the 1999 ESPP Plan which was filed with the SEC and became effective on February 13, 2004; and

File No. 333-131705, pertaining to the registration of an additional 5,000,000 shares of common stock issuable under the 1999 ESPP Plan which was filed with the SEC and became effective on February 9, 2006.

The Company is filing these post-effective amendments to the Prior Registration Statements to deregister any securities registered and unsold under the Registration Statements and to terminate the Registration Statements.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, 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 San Jose, State of California, on February 25, 2015.

| EXTREM | TREME NETWORKS, INC. | | |
|--------|--|--|--|
| By: | /s/ Kenneth Arola | | |
| | Kenneth Arola Senior Vice President and Chief Financial Officer | | |

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Kenneth Arola and Allison Amadia, each of them acting individually, as his or her attorney-in-fact, with the full power of substitution, for him or her in any and all capacities, to sign any and all amendments to this Registration Statement on Form S-8, and to file same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission granting unto said attorneys-in-fact, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming our signatures as they may be signed by our said attorney-in-fact and any and all amendments to this Registration Statement on Form S-8.

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated.

| /s/ Charles W. Berger | President and Chief Executive Officer, (Principal Executive Officer) | February 10, 2015 |
|--------------------------|--|-------------------|
| Charles W. Berger | | |
| /s/ Kenneth Arola | Senior Vice President, and Chief Financial Officer And Chief Accounting Officer (Principal Financial and Accounting Officer) | February 10, 2015 |
| Kenneth Arola | | |
| /s/ Edward B. Meyercord | Chairman of the Board | February 10, 2015 |
| Edward B. Meyercord | | |
| /s/Charles Carinalli | Director | February 10, 2015 |
| Charles Carinalli | | |
| /s/ Randi Paikoff Feigin | Director | February 10, 2015 |
| Randi Paikoff Feigin | | |
| /s/Edward Kennedy | Director | February 9, 2015 |
| Edward Kennedy | | |
| /s/Raj Khanna | Director | February 10, 2015 |
| Raj Khanna | | |
| /s/John H. Kispert | Director | February 10, 2015 |
| John H. Kispert | | |
| /s/John C. Shoemaker | Director | February 10, 2015 |
| John C. Shoemaker | | |