UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 3)*

EX	TREME NETWORKS, INC
(Name of	Issuer)
Со	mmon Stock, \$.001 par value
(Title of Class o	f Securities)
	226D106
(CUSIP Num De	
(Date of Event Which Requi	res Filing of this Statement)
Check the appropriate box to designate the Schedule is filed:	rule pursuant to which this
[X] Rule 13d-1(b)	
[_] Rule 13d-1(c)	
[_] Rule 13d-1(d)	
*The remainder of this cover page shall be initial filing on this form with respect and for any subsequent amendment containi the disclosures provided in a prior cover	to the subject class of securities, ng information which would alter
The information required in the remainder deemed to be "filed" for the purpose of Se Act of 1934 ("Act") or otherwise subject t of the Act but shall be subject to all oth see the Notes).	ction 18 of the Securities Exchange o the liabilities of that section
CUSIP NO. 30226D106 13	_
(1) NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE	
Renaissance Technologies LLC 26	-0385758
(2) CHECK THE APPROPRIATE BOX IF A MEMBER (a) [_] (b) [_]	
(3) SEC USE ONLY	
(4) CITIZENSHIP OR PLACE OF ORGANIZATION	
Delaware	
	(5) SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED	3,876,242
BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
	0
	(7) SOLE DISPOSITIVE POWER
	3,882,407

3,883,295 (10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) (12) TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) Page 2 of 8 pages ______ CUSIP NO. 30226D106 13G (1) NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY). James H. Simons (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [_] (b) [_] (3) SEC USE ONLY (4) CITIZENSHIP OR PLACE OF ORGANIZATION United States NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON (10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) (12) TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) Page 3 of 8 pages CUSIP NO. 30226D106 Page 3 of 8 Pages

(1)	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS		IS (E	ENTITIES ONLY).	
	RENAISSANCE TECHNOLOGIES HOLDINGS CORPORATION			13-3127734	
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) $[_]$ (b) $[_]$				
(3)	SEC USE ONLY				
 (4)	CITIZENSHIP OR PLACE OF ORG	GANIZATION			
	Delaware				
			(5) SOLE VOTING POWER		
	NUMBER OF SHARES BENEFICIALLY OWNED			3,876,242	
BY EACH REPORTING PERSON WITH:	BY EACH REPORTING		(6)	SHARED VOTING POWER	
				0	
			(7)	SOLE DISPOSITIVE POWER	
				3,882,407	
			(8)	SHARED DISPOSITIVE POWER	
				888	
 (11) 	PERCENT OF CLASS REPRESEN	I NTED BY AMOUNT IN	ROW		
		Page 3 of 8 page			
				Page 4 of 8 Pages	
 [tem				. age . e. e . age	
	(a) Name of Issuer				
	EXTREME NETWORKS, INC				
	(b) Address of Issuer's Pri	incipal Executive	0ffi	ices.	
	3585 Monroe Street, Sa	anta Clara, Califo	rnia	a 95051	
Item	2.				
	(a) Name of Person Filing:				
	This Schedule 13G is beir ("RTC"), James H. Simons Corporation ("RTHC").			ce Technologies LLC ssance Technologies Holdings	
	(b) Address of Principal E	Business Office or	, if	none, Residence.	
	The principal business	address of the r	epor	rting persons is:	

800 Third Avenue New York, New York 10022

(c) Citizenship. Dr. Simons is a United States citizen, RTC is a Delaware limited liability company, and RTHC is a Delaware corporation. (d) Title of Class of Securities. Common Stock, \$.001 par value (e) CUSIP Number. 30226D106 Page 4 of 8 pages Item 3. If this statement is filed pursuant to Rule 13d-1(b) or 13-d-2(b) or (c), check whether the person filing is a: Broker or dealer registered under section 15 of the Act. (a) [_] (b) [_] Bank as defined in section 3(a)(6) of the Act. Insurance Company as defined in section 3(a)(19) of the Act. (d) [_] Investment Company registered under section 8 of the Investment Company Act. (e) [x] Investment Adviser in accordance with Sec. 240.13d-1(b)(1)(ii)(E). Employee Benefit Plan or Endowment Fund in accordance with (f) [_] Sec. 240.13d-1(b)(1)(ii)(F). $(g) [_]$ Parent holding company, in accordance with Sec.240.13d-1(b)(1)(ii)(G). A savings associations as defined in Section 3(b) of the Federal (h) [_] Deposit Insurance Act. (i) [_] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940. Group, in accordance with Sec.240.13d-1(b)(1)(ii)(J). (j) [_] Item 4. Ownership. (a) Amount beneficially owned. RTC: 3,883,295 shares Simons: O shares, because Dr. Simons is no longer deemed to be a control person of RTC. RTHC: 3,883,295 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC. (b) Percent of Class. RTC: 4.27 % Simons: 0 % RTHC: 4.27 % (c) Number of shares as to which the person has: (i) sole power to vote or to direct the vote: RTC: 3,876,242 Simons: 0 RTHC: 3,876,242 (ii) Shared power to vote or to direct the vote: (iii) sole power to dispose or to direct the disposition of: RTC: 3,882,407 Simons: 0 3,882,407

(iv) Shared power to dispose or to direct the disposition of:

RTC: 888 Simons: 0 RTHC: 888

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Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial

owner of more than five percent of the class of securities, check the following: $[X]^*$

*As of January 1, 2010, James H. Simons ceased to be the beneficial owner of any of the securities reported herein.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Certain funds and accounts managed by RTC have the right to receive dividends and proceeds from the sale of the securities which are the subject of this report.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not applicable

Item 8. Identification and Classification of Members of the Group.

Not applicable

Item 9. Notice of Dissolution of a Group.

Not applicable

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Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 11, 2011

Renaissance Technologies LLC

By: Mark Silber Executive Vice President

James H. Simons

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001).

EXHIBIT 99.1

AGREEMENT REGARDING JOINT FILING

UNDER RULE 13D-1(K) OF THE EXCHANGE ACT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, each of the undersigned agrees to the filing on behalf of each of a Statement on Schedule 13G, and all amendments thereto, with respect to the shares of Common Stock, \$.001 par value of EXTREME NETWORKS, INC.

Date: February 11, 2011

Renaissance Technologies LLC

By: Mark Silber

Executive Vice President

James H. Simons

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

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