Jain Anil Kumar Form 4 February 01, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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obligations

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Jain Anil Kumar

2. Issuer Name and Ticker or Trading Symbol

Issuer

(Check all applicable)

5. Relationship of Reporting Person(s) to

CAVIUM NETWORKS, INC.

[CAVM]

(Last) (First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year) 01/30/2011

Director 10% Owner X_ Officer (give title Other (specify

below) below) Corporate VP, IC Engineering

C/O CAVIUM NETWORKS. INC., 805 E. MIDDLEFIELD ROAD

4. If Amendment, Date Original Filed(Month/Day/Year)

3.

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

MOUNTAIN VIEW, CA 94043

(City) (State) (Zip)

(Street)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

Stock (1)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

TransactionAcquired (A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

4. Securities

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A)

Transaction(s) (Instr. 3 and 4)

Common 01/30/2010 Code V Price Amount (D) 3,750 M

(1) 75,250 D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

(Month/Day/Year)

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number omf Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deri Secu (Inst
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units (1)	(1)	01/30/2011		M(1)	3,750 (1)	<u>(1)</u>	(1)	Common Stock (1)	3,750	

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Jain Anil Kumar C/O CAVIUM NETWORKS, INC. 805 E. MIDDLEFIELD ROAD MOUNTAIN VIEW, CA 94043

Corporate VP, IC Engineering

Signatures

/s/ Arthur Chadwick with Power of
Attorney

02/01/2011

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

As reported on Form 4 dated January 6, 2010 filed on January 8, 2010, the reporting person received a grant of 15,000 Restricted Stock Units (RSU's") on January 6, 2010 pursuant to Cavium Network's 2007 Stock Incentive Plan. 25% of the RSUs will vest annually on each of January 30, 2011, January 30, 2012, January 30, 2013 and January 30, 2014. On each vesting date, for each RSU vesting on such date, the reporting person will receive one share of Cavium Networks common stock. On January 30, 2011, the first 25% of these RSUs vested, resulting in the issuance of 3,750 shares of Cavium Network's common stock.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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