

CAVIUM NETWORKS, INC.

Form DEFA14A

March 26, 2010

Cavium Networks, Inc. Important Notice Regarding the Availability of Proxy Materials for the Stockholder Meeting to Be Held on Friday, May 7, 2010 This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. We encourage you to access and review all of the important information contained in the proxy materials before voting. The Proxy Statement, Annual Report and other proxy materials are available at:

<http://www.proxyvoting.com/cavm> Dear Cavium Networks, Inc. Stockholder: The 2010 Annual Meeting of Stockholders of Cavium Networks, Inc. (the Company) will be held at the Corporate office, 805 East Middlefield Road, Mountain View, California 94043, on Friday, May 7, 2010, at 10:00 a.m. (local time). Proposals to be considered at the Annual Meeting: (1) Election of Directors for a three-year term expiring at the 2013 Annual Meeting. (2) To ratify the appointment of PricewaterhouseCoopers LLP as the independent registered public accounting firm of Cavium Networks, Inc. for its fiscal year ending December 31, 2010. The Board of Directors recommends a vote FOR Items 1 and 2. The Board of Directors has fixed the close of business on March 12, 2010 as the record date (the Record Date) for the determination of stockholders entitled to receive notice of and to vote at the Annual Meeting or any adjournment(s) thereof. CAVIUM NETWORKS, INC. If you want to receive a paper or e-mail copy of these documents, you must request one. There is no charge to you for requesting a copy. Please make your request for a copy as instructed below on or before April 27, 2010 to facilitate timely delivery. TO REQUEST PAPER COPIES OF PROXY MATERIALS: (please reference your 11-digit control number when requesting materials) By opting out to receive printed materials, your preference for future proxy mailings will be kept on our file. Telephone: 1-888-313-0164 (outside of the U.S. and Canada call 201-680-6688). Email: shrrelations@bnymellon.com (you must reference your 11-digit control number in your email) Internet: <http://www.proxyvoting.com/cavm> CONTROL NUMBER PX 71995 TO VOTE YOUR SHARES SEE INSTRUCTIONS ON REVERSE SIDE This is not a proxy card. You cannot use this notice to vote your shares. YOU MUST REFERENCE YOUR 11-DIGIT CONTROL NUMBER WHEN YOU REQUEST A PAPER COPY OF THE PROXY MATERIALS OR TO VOTE YOUR PROXY ELECTRONICALLY.

Stockholders of record as of the Record Date are encouraged and cordially invited to attend the Annual Meeting. Directions to attend the annual meeting where you may vote in person can be obtained by calling Investor Relations at 650-623-7000. Meeting Location: 805 East Middlefield Road Mountain View, CA 94043 The following materials are available for you to review online: the Company's 2010 Proxy Statement (including all attachments thereto); the Company's Annual Report for the year ended December 31, 2009 (which is not deemed to be part of the official proxy soliciting materials); and any amendments to the foregoing materials that are required to be furnished to stockholders. To request a paper copy of the Proxy Materials and select a future delivery preference: (you must reference your 11-digit control number located on the reverse side of this form) Telephone: 1-888-313-0164 (outside of the U.S. and Canada call 201 -680-6688) Email: shrrelations@bnymellon.com (you must reference your 11-digit control number in your email) Internet: <http://www.proxyvoting.com/cavm> The Proxy Materials for Cavium Networks, Inc. are available to review at: <http://www.proxyvoting.com/cavm> Have this notice available when you request a PAPER copy of the Proxy Materials, when you want to view your proxy materials online OR WHEN YOU WANT TO VOTE YOUR PROXY ELECTRONICALLY. PX 71995 HOW TO VOTE BY INTERNET We encourage you to review the proxy materials online before voting. Use the Internet to vote your shares. On the landing page of the above website in the box labeled To Vote Your Shares by Internet click on Vote Now to access the electronic proxy card and vote your shares. Have this notice in hand when you access the website. You will need to reference the 11-digit control number located on the reverse side.