UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

August 14, 2007

Network Appliance Inc.

(Exact name of registrant as specified in its charter)

(State or other jurisdiction of incorporation) 495 East Java Drive, Sunnyvale, California (Address of principal executive offices) Registrant's telephone number, including area code: (Adplicable Former name or former address, if changed since last report Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the bellowing provisions: Witten communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12) Pre-commencement communications pursuant to Rule 14a-4(c) under the Exchange Act (17 CFR 240.14d-2(b)) Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))	Delaware	0-27130	77-0307520
495 East Java Drive, Sunnyvale, California (Address of principal executive offices) Registrant's telephone number, including area code: (408) 822-6000 Not Applicable Former name or former address, if changed since last report Check the appropriate box below if the Form 8-K filling is intended to simultaneously satisfy the filling obligation of the registrant under any of the following provisions: Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12) Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))	` ,	•	
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Item 8.01 Other Events.

On August 14, 2007, the Board of Directors of Network Appliance, Inc. (the "Company") approved a new stock repurchase program in which up to \$1,000,000,000 worth of its outstanding common stock may be purchased. This approval is in addition to approximately \$200,000,000 remaining from all prior authorizations. On August 15, 2007, the Company issued a press release announcing its new stock repurchase plan. A copy of the press release is furnished as Exhibit 99.1 to this Report.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Network Appliance, Inc.'s August 15, 2007 press release is hereby furnished as Exhibit 99.1 to this Form 8-K in connection with the disclosures under Item 8.01 of this Form 8-K.

99.1 Press release of Network Appliance, Inc., dated August 15, 2007 announcing its new stock repurchase program.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Network Appliance Inc.

August 15, 2007

By: /s/ Steven J. Gomo

Name: Steven J. Gomo

Title: Executive Vice President of Finance and Chief Financial

Officer

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Exhibit Index

Exhibit No.	Description
99.1	Press release of Network Appliance Inc. dated August 15, 2007 announcing its new stock repurchase program

Press Contact:

Network Appliance, Inc. Jodi Baumann Ph: (408) 822-3974 jodi@netapp.com **Investor Contacts:**

Network Appliance, Inc. Ingemar Lanevi Ph: (919) 476-5750 ingemar@netapp.com Network Appliance, Inc. Billie Fagenstrom Ph: (408) 822-6428 billief@netapp.com

NETWORK APPLIANCE ANNOUNCES STOCK REPURCHASE

May Acquire an Additional \$1 Billion Worth of its Outstanding Common Stock

SUNNYVALE, Calif. – August 15, 2007 — Network Appliance, Inc. (NASDAQ: NTAP), a leader in advanced networked storage solutions, today announced that its board of directors approved a new stock repurchase program in which up to \$1,000,000,000 worth of its outstanding common stock may be purchased. This approval is in addition to approximately \$200,000,000 remaining from all prior authorizations. Under the program, Network Appliance, Inc. can purchase shares of common stock through open market and privately negotiated transactions at prices deemed appropriate by management. The timing and amount of repurchase transactions under this program will depend on market conditions, corporate considerations, and regulatory requirements. The purchases will be funded from available working capital. As of July 27, 2007, Network Appliance, Inc. had approximately 363,200,000 shares of common stock outstanding.

About Network Appliance

Network Appliance is a world leader in unified storage solutions for today's data-intensive enterprise. Since its inception in 1992, Network Appliance has delivered technology, product, and partner firsts that simplify data management. Information about Network ApplianceTM solutions and services is available at www.netapp.com.

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