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):

May 24, 2007

Network Appliance Inc.

(Exact name of registrant as specified in its charter)

Delaware

0-27130 (Commission

File Number)

(State or other jurisdiction of incorporation)

495 East Java Drive, Sunnyvale, California

(Address of principal executive offices)

Registrant's telephone number, including area code:

Not Applicable

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 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))

[] Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

77-0307520

(I.R.S. Employer Identification No.)

94089

(Zip Code)

(408) 822-6000

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Item 1.01 Entry into a Material Definitive Agreement.

Share Repurchase

As previously announced on November 15, 2006, Network Appliance, Inc.'s (the "Registrant") Board of Directors authorized the repurchase of up to \$800 million of shares of its outstanding common stock. Under the program, the Registrant may purchase shares of its common stock through open market or privately negotiated transactions at prices deemed appropriate by management. The timing and amount of repurchases under this program will depend on market conditions, corporate considerations and regulatory requirements. The purchases will be funded from available working capital.

Pursuant to that authorization, on May 24, 2007, the Registrant entered into a Master Confirmation and a Pricing Supplement (together the "Agreement") with J.P. Morgan Securities Inc ("JP Morgan") relating to a Capped Accelerated Share Repurchase Program. The Registrant will purchase a variable number of shares of its common stock from JP Morgan for an aggregate purchase price of \$200 million pursuant to a private capped accelerated share repurchase program. The final per share purchase price and the number of shares to be repurchased will be based on a discount to the volume weighted average price ("VWAP") of Registrant's common stock over a specified period of time, with a cap based on JP Morgan's initial hedge price. In addition, the Registrant will have no obligation to pay any further market purchase price adjustment under the program. The initial shares are expected to be delivered to the Registrant on May 30, 2007. At the end of the specified period, the Registrant may receive additional shares should the VWAP for the period be below the cap price.

Under similar Master Agreements with J. P. Morgan, the Registrant repurchased 11.8 million shares of the Registrant's common stock for \$441.8 million during the six-months period ended April 27, 2007.

The repurchased shares will be held as treasury stock and recorded as a reduction in stockholders' equity on the Registrant's Consolidated Balance Sheet, and the Registrant's outstanding shares used to calculate earnings per share will be immediately reduced by the number of repurchased shares when delivered.

The Agreement contains other terms governing the program, including, but not limited to, the mechanism used to determine the final settlement of the transaction, the settlement method, the circumstances under which JP Morgan is permitted to make adjustments to valuation periods, circumstances under which the program may be terminated early, and various acknowledgements, representations and warranties made by the Registrant and JP Morgan to one another, including representations related to Rule 10b5-1 and intended compliance with the Rule 10b-18 volume and timing guidelines.

Item 2.03 Creation of a Direct Financial Obligation or an Obligation under an Off-Balance Sheet Arrangement of a Registrant.

The disclosure provided in Item 1.01 "Entry into a Material Definitive Agreement" is incorporated by reference into this Item 2.03 as if fully set forth herein.

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.

May 30, 2007

Network Appliance Inc.

By: /s/ Steven J. Gomo

Name: Steven J. Gomo Title: Executive Vice President of Finance and Chief Financial Officer