Mellanox Technologies, Ltd. Form 8-K July 23, 2008

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):

July 23, 2008

Mellanox Technologies, Ltd.

(Exact name of registrant as specified in its charter)

| Israel | 001-33299 | 980233400 |
|--|--|--|
| (State or other jurisdiction of incorporation) | (Commission File Number) | (I.R.S. Employer Identification No.) |
| Hermon Building, Yokneam, | | 20692 |
| (Address of principal executive offices) | | (Zip Code) |
| Registrant s telephone number, including area code: | | 972-4-909-7200 |
| | Not Applicable | |
| Former nan | ne or former address, if changed since | last report |
| | | |
| Check the appropriate box below if the Form 8-K filing the following provisions: | g is intended to simultaneously satisfy | the filing obligation of the registrant under any of |
| Written communications pursuant to Rule 425 und Soliciting material pursuant to Rule 14a-12 under Pre-commencement communications pursuant to December 2 Pre-commencement communications pursuant to Rule 425 under 1 Pre-commencement communica | the Exchange Act (17 CFR 240.14a-12 Rule 14d-2(b) under the Exchange Act | 2) (17 CFR 240.14d-2(b)) |

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Item 2.02 Results of Operations and Financial Condition.

The information in this current report, including Exhibit 99.1 attached hereto, is furnished pursuant to Item 2.02 of this Form 8-K. Consequently, it is not deemed "filed" for the purposes of Section 18 of the Securities and Exchange Act of 1934 (the "Exchange Act"), or otherwise subject to the liabilities of that section. It may only be incorporated by reference in another filing under the Exchange Act or the Securities Act of 1933 if such subsequent filing specifically references this Form 8-K.

On July 23, 2008, Mellanox Technologies, Ltd. publicly disseminated a press release announcing financial results for the second quarter ended June 30, 2008. The foregoing description is qualified in its entirety by reference to the press release dated July 23, 2008, a copy of which is attached hereto as Exhibit 99.1 and incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

The following exhibit is filed with this Form 8-K:

99.1 Press Release dated July 23, 2008.

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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.

Mellanox Technologies, Ltd.

July 23, 2008 By: /s/ Michael Gray

Name: Michael Gray Title: Chief Financial Officer

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Exhibit Index

| Exhibit No. | Description |
|-------------|-----------------------------------|
| 99.01 | Press Release dated July 23, 2008 |