Mellanox Technologies, Ltd. Form 8-K January 27, 2010

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):

January 27, 2010

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 nar	ne or former address, if changed since	last report
Check the appropriate box below if the Form 8-K filir he following provisions:	ng 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 Pre-commencement communications pursuant to	the Exchange Act (17 CFR 240.14a-17 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 January 27, 2010, Mellanox Technologies, Ltd. publicly disseminated a press release announcing financial results for the fourth quarter ended December 31, 2009. The foregoing description is qualified in its entirety by reference to the press release dated January 27, 2010, 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 January 27, 2010.

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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.

January 27, 2010 By: /s/ Michael Gray

Name: Michael Gray Title: Chief Financial Officer

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Exhibit Index

Exhibit No.	Description
99.1	Press Release dated January 27, 2010