Mellanox Technologies, Ltd.

Form 4

August 02, 2016

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Re	esponses)					
1. Name and Address of Reporting Person ** Waldman Eyal			2. Issuer Name and Ticker or Trading Symbol Mellanox Technologies, Ltd. [MLNX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) C/O MELLA TECHNOLO HAKIDMA S	GIES, LTD	**	3. Date of Earliest Transaction (Month/Day/Year) 07/29/2016	_X_ Director 10% Owner X_ Officer (give title Other (specify below) President and CEO		
YOKNEAM,	(Street)	nO	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting		
(City) (State) (Zip)			Table I - Non-Derivative Securities Ac	Person output output		

(City)	(State)	(Zip) Tal	ble I - Non	-Derivativ	e Secu	rities Acqu	iired, Disposed o	of, or Benefici	ally Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit our Dispos (Instr. 3, 4	ed of (5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Ordinary Shares	07/29/2016		M	3,404	A	\$ 9.19	453,885 (1)	D	
Ordinary Shares	07/29/2016		M	10,884	A	\$ 9.19	464,769 (1)	D	
Ordinary Shares	07/29/2016		M	14,288	A	\$ 9.19	479,057 (1)	D	
Ordinary Shares	07/29/2016		S(2)	28,576	D	\$ 43.923 (3)	450,481 (1)	D	

Ordinary			By
•	1,426,041	I	Partnership
Shares			<u>(4)</u>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right To Buy)	\$ 9.19	07/29/2016		M		3,404	<u>(5)</u>	10/25/2016	Ordinary Shares	3,404
Stock Option (Right To Buy)	\$ 9.19	07/29/2016		M		10,884	<u>(5)</u>	10/25/2016	Ordinary Shares	10,884
Stock Option (Right To Buy)	\$ 9.19	07/29/2016		M		14,288	<u>(5)</u>	10/25/2016	Ordinary Shares	14,288

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Waldman Eyal C/O MELLANOX TECHNOLOGIES, LTD., 26 HAKIDMA ST. BEIT MELLANOX YOKNEAM, L3 2069200	X		President and CEO				

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Signatures

/s/ Eyal Waldman by Cheryl Ganapol, Power-of-Attorney

08/02/2016

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Includes 180,624 unvested Restricted Share Units (RSU's). Upon vesting thereof, the Reporting Person is entitled to receive one (1) Ordinary Share for each one (1) RSU.
- (2) The sales reported in the Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.
 - This transaction was executed in multiple trades in prices ranging from \$43.430 to \$44.730. The price reported above reflects the
- (3) weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.
- (4) Shares held by Waldo Holdings 2, a general partnership formed pursuant to the laws of Israel of which Mr. Waldman is a general partner. Mr. Waldman has sole voting and dispositive power over all of the shares reported on this Form 4.
- (5) The Shares subject to this option are fully vested and exercisable.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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