Mellanox Technologies, Ltd. Form 4 March 03, 2015

FORM 4

OMB APPROVAL UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB

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0.5

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10% Owner

Other (specify

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Washington, D.C. 20549

Form 5 obligations may continue.

See Instruction 1(b).

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

(Print or Type Responses)

1. Name and Address of Reporting Person *

Ashuri Roni

2. Issuer Name and Ticker or Trading Symbol

Mellanox Technologies, Ltd.

[MLNX]

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) 02/24/2015

C/O MELLANOX TECHNOLOGIES, LTD., HAKIDMA 26, OFER

INDUSTRIAL PARK

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

Issuer

below)

Director

X_ Officer (give title

X Form filed by One Reporting Person Form filed by More than One Reporting

5. Relationship of Reporting Person(s) to

(Check all applicable)

Sr. VP of Engineering

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

YOKNEAM, L3 2069200

(City) (State) (Zip) 1.Title of 2. Transaction Date 2A. Deemed Security

(Month/Day/Year) Execution Date, if any

3. 4. Securities Acquired Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) 6. Ownership 7. Nature of Indirect Form: Direct (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A) or

(1)(2)

Price Code V Amount (D)

15,750 Α

A \$0

230,491 (3) (4) D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

1

(9-02)

Shares

(Instr. 3)

Ordinary

02/24/2015

(Month/Day/Year)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amoun	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivative		e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities Acquired			(Instr. 3	3 and 4)		Own
	Security										Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manuat		
									Amount		
					Date	Date	Expiration	Or Title Nesselves			
						Exercisable Date	Date		Number		
				C + V	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address Officer Other Director 10% Owner

Ashuri Roni C/O MELLANOX TECHNOLOGIES, LTD. HAKIDMA 26, OFER INDUSTRIAL PARK YOKNEAM, L3 2069200

Sr. VP of Engineering

Signatures

/s/ Cheryl Ganapol, as Attorney-in-Fact for Roni Ashuri

03/03/2015

**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) Restricted Share Units ("RSUs"). The Reporting Person is entitled to receive one (1) Ordinary Share for each one (1) RSU upon vesting.
- RSUs shall vest at a rate of 12/48th of the original number of shares on May 1, 2016, and thereafter at a rate of 3/48th of the original number of shares on the first day of each quarterly period of August, November, February and May commencing on August 1, 2016, with the last 3/48th of the original number of shares vesting on May 1, 2019 so long as Reporting Person remains an officer or employee of the
- (3) Includes 36,281 unvested RSUs.

Issuer.

(4) Includes 118 shares acquired under the Issuer's Employee Share Purchase Plan on February 27, 2015.

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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