

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>ODONNELL ELLEN</u> _____ (Last) (First) (Middle) <u>130 HOLGER WAY</u> _____ (Street) <u>SAN JOSE CA 95134</u> _____ (City) (State) (Zip)			2. Issuer Name and Ticker or Trading Symbol <u>BROCADE COMMUNICATIONS SYSTEMS INC [ BRCD ]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP &amp; General Counsel</u>		
			3. Date of Earliest Transaction (Month/Day/Year) <u>11/01/2017</u>					
			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	11/01/2017		M		8,666 <sup>(1)</sup>	A	\$0	27,703	D	
Common Stock	11/01/2017		F		3,257 <sup>(2)</sup>	D	\$11.74	24,446	D	
Common Stock	11/01/2017		M		11,667 <sup>(1)</sup>	A	\$0	36,113	D	
Common Stock	11/01/2017		F		4,385 <sup>(2)</sup>	D	\$11.74	31,728	D	
Common Stock	11/01/2017		M		35,302 <sup>(1)</sup>	A	\$0	67,030	D	
Common Stock	11/01/2017		F		13,267 <sup>(2)</sup>	D	\$11.74	53,763	D	

**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. Transaction Code (Instr. 8)		5. Number of Derivative 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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Restricted Stock Units	(3)	11/01/2017		M			8,666	(1)	11/01/2017	Common Stock	8,666	\$0	0	D	
Restricted Stock Units	(3)	11/01/2017		M			11,667	(1)	11/01/2018	Common Stock	11,667	\$0	11,666	D	
Restricted Stock Units	(3)	11/01/2017		M			35,302	(1)	11/01/2019	Common Stock	35,302	\$0	35,301	D	

**Explanation of Responses:**

- Reflects the conversion of previously granted restricted stock units into shares of Brocade common stock in connection with the vesting of the restricted stock units. Each restricted stock unit represents a contingent right to receive one share of Brocade common stock.
- Shares automatically withheld for payment of tax withholding liability in connection with vesting of the restricted stock units pursuant to terms of the restricted stock unit agreement.
- Each restricted stock unit represents a contingent right to receive one share of Brocade common stock.

**Remarks:**

/s/ Jean Furter, Attorney-in-Fact 11/03/2017  
for Ellen O'Donnell

\*\* Signature of Reporting Person Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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