

Digital Realty Trust, Inc.
 Form 4
 August 12, 2016

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 *
 Patterson Mark R

(Last) (First) (Middle)

FOUR EMBARCADERO
 CENTER, SUITE 3200

(Street)

SAN FRANCISCO, CA 94111

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 Digital Realty Trust, Inc. [DLR]

3. Date of Earliest Transaction
 (Month/Day/Year)
 08/10/2016

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 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 Beneficial Ownership (Instr. 4)
				(A) or (D)	Amount		
				Code	V		
					Amount		
				(D)	Price		

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

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 control number.

SEC 1474
 (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	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Underlying Securities

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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)							
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Long-Term Incentive Units (1)	(2)	08/10/2016	A		164		(1)	(3)	Common Stock	164	\$

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Patterson Mark R FOUR EMBARCADERO CENTER SUITE 3200 SAN FRANCISCO, CA 94111	X			

Signatures

/s/ Salini Nandipati, as attorney in fact	08/12/2016
**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).
- Long-Term Incentive Units are profits interest units in Digital Realty Trust, L.P. ("Operating Partnership"), of which Issuer is the general partner. Profits interest units may initially not have full parity with common limited partnership units of the Operating Partnership ("Common Units") with respect to liquidating distributions; however upon the occurrence of specified events, profits interest units may achieve full parity with Common Units for all purposes. These units were fully vested on the grant date. Vested profits interest units that have achieved full parity with Common Units may be converted into an equal number of Common Units on a 1-for-1 basis at any time. Common Units are redeemable for cash based on the FMV of an equivalent number of shares of common stock of Issuer or, at the election of Issuer, for an equal number of shares of Issuer's common stock, subject to adjustment in the event of stock splits, specified extraordinary distributions or similar events.
- (1) [Detailed explanation above]
 - (2) 1-for-1
 - (3) N/A

Remarks:

This statement of changes in beneficial ownership of securities ("Form 4") of the Issuer is filed to report information that is also reported in the Issuer's annual report.

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.