

Digital Realty Trust, Inc.
 Form 4
 July 29, 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)
 07/27/2016

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		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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Table with columns: (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. Row: Long-Term Incentive Units (1), (2), 07/27/2016, A, 988, (1), (3), Common Stock, 988.

Reporting Owners

Table with columns: Reporting Owner Name / Address, Relationships (Director, 10% Owner, Officer, Other). Row: Patterson Mark R, FOUR EMBARCADERO CENTER SUITE 3200, SAN FRANCISCO, CA 94111, X.

Signatures

Table with columns: Signature, Date. Row: /s/ Salini Nandipati, as attorney in fact, 07/29/2016.

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) Long-Term Incentive Units are profits interest units in Digital Realty Trust, L.P. ("Operating Partnership")...
(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... Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.