

Digital Realty Trust, Inc.
 Form 3
 November 16, 2016

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 *

Â Kenney Christopher
 (Last) (First) (Middle)

2. Date of Event Requiring Statement
 (Month/Day/Year)
 11/09/2016

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

4. Relationship of Reporting Person(s) to Issuer

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

FOUR EMBARCADERO CENTER,Â SUITE 3200

(Street)

(Check all applicable)

Director 10% Owner
 Officer Other
 (give title below) (specify below)
 SVP,International,Acquisitions

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

SAN FRANCISCO,Â CAÂ 94111

(City) (State) (Zip)

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security
 (Instr. 4)

2. Amount of Securities Beneficially Owned
 (Instr. 4)

3. Ownership Form:
 Direct (D)
 or Indirect (I)
 (Instr. 5)

4. Nature of Indirect Beneficial Ownership
 (Instr. 5)

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

SEC 1473 (7-02)

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.

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

1. Title of Derivative Security
 (Instr. 4)

2. Date Exercisable and Expiration Date
 (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security
 (Instr. 4)

4. Conversion or Exercise Price of Derivative Security

5. Ownership Form of Derivative Security:
 Direct (D)
 or Indirect (I)

6. Nature of Indirect Beneficial Ownership
 (Instr. 5)

Date Exercisable Expiration Date Title Amount or Number of Shares

(Instr. 5)

Long-Term Incentive Units <u>(1)</u>	Â (2)	Â (1)	Common Stock	62,721	\$ (1)	D	Â
Long-Term Incentive Unit <u>(1)</u>	Â (3)	Â (1)	Common Stock	3,068	\$ (1)	D	Â
Long-Term Incentive Units <u>(1)</u>	Â (4)	Â (1)	Common Stock	3,454	\$ (1)	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Kenney Christopher FOUR EMBARCADERO CENTER SUITE 3200 SAN FRANCISCO, CA 94111	Â	Â	Â SVP, International, Acquisitions	Â

Signatures

/s/ Salini Nandipati as
attorney-in-fact

11/16/2016

Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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., a Maryland limited partnership (the "Operating Partnership"), of which the Issuer is the general partner. Vested profits interest units may be converted into an equal number of common limited partnership units ("Common Units") in the Operating Partnership on a one-for-one basis at any time and have no expiration date. Common Units are redeemable for cash based on the fair market value of an equivalent number of shares of the Issuer's common stock, or, at the election of the Issuer, for an equal number of shares of the Issuer's common stock, subject to adjustment in the event of stock splits, stock dividends, issuance of stock rights, specified extraordinary distributions or similar events.
- (2) These units are fully vested and immediately exercisable.
- (3) These units were granted on February 11, 2013, with an initial vest date of February 27, 2014. Each grant vests as to 20% in the first year, 20% in the second year, 30% in the third year and 30% in the fourth year.
- (4) These units were granted on February 11, 2014, with an initial vest date of February 27, 2015. Each grant vests as to 25% in the first year, 50% in the second year and 25% in the third year.

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Remarks:

This initial statement of beneficial ownership of securities ("Form 3") of the Issuer is filed to 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.