

Mills Joshua Ananda
 Form 4
 February 16, 2012

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 *
 Mills Joshua Ananda

(Last) (First) (Middle)
 560 MISSION STREET, SUITE 2900
 (Street)

SAN FRANCISCO, CA 94105

(City) (State) (Zip)

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

3. Date of Earliest Transaction
 (Month/Day/Year)
 02/14/2012

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)
 SVP and General Counsel

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 Ownership (Instr. 4) | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----|-------|
| | | | | (A) or (D) | Code | V | Amount | (D) | Price |

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

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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 Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Derivative Securities |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|--------------------------|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|--------------------------|

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| (Instr. 3) | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | 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 <u>(1)</u> | <u>(2)</u> | 02/14/2012 | A | 3,590 | | | <u>(3)</u> | <u>(4)</u> | | | Common Stock | 3,590 |
| Long-Term Incentive Units <u>(1)</u> <u>(5)</u> | <u>(2)</u> | 02/14/2012 | A | 5,649 | | | <u>(5)</u> | <u>(4)</u> | | | Common Stock | 5,649 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Mills Joshua Ananda 560 MISSION STREET SUITE 2900 SAN FRANCISCO, CA 94105 | | | SVP and General Counsel | |

Signatures

/s/ Barbara Polster,
attorney-in-fact
02/16/2012

__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 membership interests in Digital Realty Trust, L.P., a Maryland limited partnership (the "Operating Partnership"), of which Digital Realty Trust, Inc. (the "Issuer") is the general partner. Long-term incentive units receive the same quarterly distributions as common limited partnership units of the Operating Partnership ("Common Units"). Long-term incentive units may initially not have full parity with Common Units with respect to liquidating distributions; however, upon the occurrence of specified events, long-term incentive units may achieve full parity with Common Units for all purposes, and thereafter vested long-term incentive units may be converted into an equal number of Common Units on a one-for-one basis at any time. Common Units will be 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.
- (1) as described above.
 - (2) 1 for 1.
 - (3) Twenty percent (20%) of these units will vest on February 27, 2013, an additional 20% will vest on February 27, 2014, an additional 30% will vest on February 27, 2015 and the remaining 30% will vest on February 27, 2016.
 - (4) N/A
 - (5) Reflects long-term incentive units initially granted on February 10, 2011 that were subject to a performance-based vesting condition, which performance-based vesting condition was satisfied in full on February 14, 2012. These long-term incentive units are also subject

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to time-based vesting, pursuant to which 20% of the units will vest on February 27, 2012, 20% will vest on February 27, 2013, 30% will vest on February 27, 2014 and 30% will vest on February 27, 2015.

Remarks:

This statement of changes in beneficial ownership ("Form 4") of securities of the Issuer is being filed to report a transaction(s)

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.