

Digital Realty Trust, Inc.
Form 4
February 27, 2008

FORM 4

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

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

**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

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person *
Peterson Scott E

(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)

02/25/2008

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

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

Senior VP, Acquisitions

6. Individual or Joint/Group Filing(Check
Applicable Line)
____X____ 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 Indirect Beneficial Ownership (Instr. 4)
			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)	(In						
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Long-Term Incentive Units ⁽¹⁾	<u>(2)</u>	02/25/2008	A		4,006		<u>(3)</u>	<u>(4)</u>	Common Stock	4,006	
Long-Term Incentive Units ⁽¹⁾	<u>(2)</u>	02/25/2008	A		5,008		<u>(5)(6)</u>	<u>(4)</u>	Common Stock	5,008	

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
Peterson Scott E 560 MISSION STREET, SUITE 2900 SAN FRANCISCO, CA 94105	Senior VP, Acquisitions

Signatures

/s/ Barbara Polster,
attorney-in-fact 02/27/2008

__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 of which the issuer is the general partner (the "Operating Partnership"). 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) 1 for 1.
 - (2) Twenty percent (20%) of these units will vest on February 25, 2009, an additional 20% will vest on February 25, 2010, an additional 30% will vest on February 25, 2011 and the remaining 30% will vest on February 25, 2012.
 - (3) N/A
 - (4) These units are subject to both performance vesting and time vesting. The performance vesting is based on the Issuer's per share Funds From Operations ("FFO") results for the fiscal year ended December 31, 2008, subject to certain adjustments (the "Performance Condition"). If the Issuer's 2008 FFO is less than a threshold amount, none of the shares will satisfy the Performance Condition. If the

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Issuer's 2008 FFO is equal to or greater than an upper limit, all of the shares will satisfy the Performance Condition (continued on Footnote 6).

- If the Issuer's 2008 FFO is between the threshold and upper limit, a portion of the shares will satisfy the Performance Condition based on a formula contained the award agreement. Any shares that do not satisfy the Performance Condition will be forfeited. Of the shares that
- (6) satisfy the Performance Condition, 20% will vest on the later of February 25, 2009 or within 30 days of the date the Compensation Committee determines if, and the extent to which, the Performance Condition is satisfied, 20% will vest on February 25, 2010, 30% will vest on February 25, 2011 and 30% will vest on February 25, 2012.

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

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