

Peterson Scott E
 Form 4
 December 13, 2007

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 *
 Peterson Scott E

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

3. Date of Earliest Transaction (Month/Day/Year)
 12/11/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Senior VP, Acquisitions

SAN FRANCISCO, CA 94105

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

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

(City) (State) (Zip)

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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	12/11/2007		M		19,987 A \$ 12	19,987 ⁽¹⁾	D
Common Stock	12/11/2007		S		19,987 D \$ 40.93	0 ⁽¹⁾	D
Common Stock	12/12/2007		M		217 A \$ 12	217 ⁽¹⁾	D
Common Stock	12/12/2007		S		217 D \$ 40.43	0 ⁽¹⁾	D

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

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(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 (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 12	12/11/2007		M	19,987	(3) 10/28/2014	Common Stock	19,987
Employee Stock Option (right to buy)	\$ 12	12/12/2007		M	217	(3) 10/28/2014	Common Stock	217

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

Barbara Polster,
attorney-in-fact

12/13/2007

__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).
- (1) Applies to common stock only. Excludes options, profits interest units, Class C profits interest units, and any other derivative securities of Digital Realty Trust, Inc. still held by reporting person.

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- (2) Represents the average sale price. Exact sale prices, ranging from \$40.80 to \$41.27, are set forth on Exhibit 99.1 hereto.
- (3) The option vests in four equal installments on October 28, 2005, 2006, 2007, and 2008.

Remarks:

Exhibit List:

Exhibit 99.1 - Sale Prices for 12/11/2007.

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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