CARON DAVID Form 4 July 31, 2012

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 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **CARON DAVID** Issuer Symbol Digital Realty Trust, Inc. [DLR] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify 451 D STREET, SUITE 912 07/27/2012 below) Senior Vice President (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting BOSTON, MA 02210 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

		Table	ie 1 - Non-Derivative Securities Acquired, Disposed of, or Beneficiary Owned							
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year) 2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transactio Code (Instr. 8)	(A) or			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)	
Common Stock	07/27/2012		M M	Amount 13,407	(D)	Price \$ 12	13,407	D		
Common Stock	07/27/2012		S	13,407				D		
Common Stock	07/27/2012		M	6,750	A	\$ 41.73	6,750	D		
Common Stock	07/27/2012		S	6,750	D	\$ 77.35	0	D		

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

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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. Transactic Code (Instr. 8)	5. Number of orDerivative 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 Underlying Securition (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option (right to buy)	\$ 12	07/27/2012		M	13,407	10/28/2005(1)	10/28/2014	Common Stock	13,4
Employee Stock Option (right to buy)	\$ 41.73	07/27/2012		M	6,750	05/02/2008(2)	05/02/2017	Common Stock	6,75

Reporting Owners

Reporting Owner Name / Address	Relationships
Reporting Owner Name / Address	

Director 10% Owner Officer Other

CARON DAVID 451 D STREET, SUITE 912 BOSTON, MA 02210

Senior Vice President

Signatures

/s/ Barbara Polster, attorney-in-fact 07/31/2012

**Signature of Reporting Person D

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) Twenty-five percent of the option shares vested on October 28, 2005; thereafter 25% vested annually so that the option became fully vested on the fourth anniversary of the grant date.

Reporting Owners 2

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(2) Twenty percent of the option shares vested on May 2, 2008; thereafter 1/60th vested monthly so that the option became fully vested on the fifth anniversary of the grant date.

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