JACOBS ELLEN A

Form 4 June 10, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB

OMB APPROVAL

Washington, D.C. 20549

3235-0287 Number: January 31, Expires:

2005

if no longer subject to Section 16. Form 4 or

Check this box

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

Estimated average burden hours per response... 0.5

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * JACOBS ELLEN A			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)	3. Date of Earliest Transaction	(Check all applicable)			
560 MISSION STREET, SUITE 2900		SUITE	(Month/Day/Year) 06/10/2010	Director 10% Owner Other (specify below) VP, Human Resources			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
SAN FRANCI	SCO, CA 9	4105	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (Zip) Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (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	06/09/2010		Code V M	Amount 4,049	(D)	Price \$ 41.73	4,049	D	
Common Stock	06/09/2010		S <u>(1)</u>	4,049	D	\$ 61	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. Transacti Code (Instr. 8)	5. Number on 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 41.73	06/09/2010		M	4,049	(2)	05/02/2017	Common Stock	4,049

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

JACOBS ELLEN A 560 MISSION STREET, SUITE 2900 SAN FRANCISCO, CA 94105

VP, Human Resources

Signatures

/s/ Barbara Polster, attorney-in-fact 06/10/2010

**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) Common Stock sold in accordance with the terms of a Trading Plan (SEC Rule 10b5-1 Securities Exchange Act of 1934).
- (2) The option vested as to 20% on 05/02/2008 and thereafter vests 1-2/3% monthly.

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.

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