

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Foust Michael F</u> (Last) (First) (Middle) 560 MISSION STREET, SUITE 2900 (Street) SAN FRANCISCO CA 94105 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 08/24/2010	3. Issuer Name and Ticker or Trading Symbol <u>Digital Realty Trust, L.P.</u> [NONE]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) CEO and Director	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Long-Term Incentive Units ⁽¹⁾	(2)	(3)	Common OP Units	677	0	D
Long-Term Incentive Units ⁽¹⁾	(4)	(3)	Common OP Units	33,617	0	D
Long-Term Incentive Units ⁽¹⁾	(5)	(3)	Common OP Units	15,024	0	D
Long-Term Incentive Units ⁽¹⁾	(6)	(3)	Common OP Units	12,020	0	D
Long-Term Incentive Units ⁽¹⁾	(7)	(3)	Common OP Units	37,092	0	D
Long-Term Incentive Units ⁽¹⁾	(8)	(3)	Common OP Units	29,674	0	D
Long-Term Incentive Units ⁽¹⁾	(9)	(3)	Common OP Units	27,152	0	D
Long-Term Incentive Units ⁽¹⁾	(10)	(3)	Common OP Units	35,034	0	D

Explanation of Responses:

- Long-term incentive units are membership interests in Digital Realty Trust, L.P., a Maryland limited partnership (the "Issuer"). Long-term incentive units receive the same quarterly distributions as common limited partnership units of the Issuer ("Common OP Units"). Long-term incentive units may initially not have full parity with Common OP Units with respect to liquidating distributions; however, upon the occurrence of specified events, long-term incentive units may achieve full parity with Common OP Units for all purposes, and thereafter vested long-term incentive units may be converted into an equal number of Common OP Units on a one-for-one basis at any time. Common OP Units will be redeemable for cash based on the fair market value of an equivalent number of shares of the common stock of Digital Realty Trust, Inc., (the "General Partner") or, at the election of the General Partner, for an equal number of shares of the General Partner's common stock.
- Represents the unvested portion of a long-term incentive unit award granted on October 27, 2005. These long-term incentive units vest at a rate of approximately 678 units per month until fully vested.
- N/A
- Represents the unvested portion of a long-term incentive unit award granted on May 2, 2007. These long-term incentive units vest at a rate of 60% on May 1, 2010 and then approximately 1,681 units per month until fully vested.
- Represents the unvested portion of a long-term incentive unit award granted on February 25, 2008. These performance based long-term incentive units vest at a rate of 20% on the first anniversary, 20% on the second anniversary, 30% on the third anniversary and 30% on the fourth anniversary of the award date.
- Represents the unvested portion of a long-term incentive unit award granted on February 25, 2008. These long-term incentive units vest at a rate of 20% on the first anniversary, 20% on the second anniversary, 30% on the third anniversary and 30% on the fourth anniversary of the award date.
- Represents the unvested portion of a long-term incentive unit award granted on March 2, 2009. These performance based long-term incentive units vest at a rate of 20% on the first anniversary, 20% on the second anniversary, 30% on the third anniversary and 30% on the fourth anniversary of the award date.
- Represents the unvested portion of a long-term incentive unit award granted on March 2, 2009. These long-term incentive units vest at a rate of 20% on the first anniversary, 20% on the second anniversary, 30% on the third anniversary and 30% on the fourth anniversary of the award date.
- Represents the unvested portion of a long-term incentive unit award granted on February 23, 2010. These long-term incentive units vest at a rate of 20% on the first anniversary, 20% on the second anniversary, 30% on the third anniversary and 30% on the fourth anniversary of the award date.
- Represents fully vested long-term incentive units.

/s/ Barbara Polster, attorney-in-fact 09/16/2010

** Signature of Reporting Person Date

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

* If the form is filed by more than one reporting person, see Instruction 5 (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).

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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