

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 or Section 30(h) of the Investment Company Act of 1940

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

(Print or Type Responses)

1. Name and Address of Reporting Person* Smith Stephen M		2. Issuer Name and Ticker or Trading Symbol EQUINIX INC [EQIX]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) CEO & President	
(Last) (First) (Middle) ONE LAGOON DRIVE		3. Date of Earliest Transaction (Month/Day/Year) 02/17/2017			
(Street) REDWOOD CITY, CA 94065		4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/17/2017		M		8,822	A	\$ 0	40,492	D	
Common Stock	02/21/2017		S(1)		1,123	D	\$ 369.1768 (2)	39,369	D	
Common Stock	02/21/2017		S(1)		2,656	D	\$ 370.5198 (3)	36,713	D	
Common Stock	02/21/2017		S(1)		773	D	\$ 371.6618 (4)	35,940	D	
Common Stock	02/21/2017		S(1)		127	D	\$ 372.3106 (5)	35,813	D	
Common Stock	02/21/2017		S(1)		100	D	\$ 373.5	35,713	D	

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number. 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 (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)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Units	\$ 0	02/17/2017		A		17,643		(6)	(7)	Common Stock	17,643	\$ 0	17,643	D	
Restricted Stock Units	\$ 0	02/17/2017		M		8,822		(6)	(7)	Common Stock	8,822	\$ 0	8,821	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

Smith Stephen M ONE LAGOON DRIVE REDWOOD CITY, CA 94065	X		CEO & President	
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Signatures

Samantha Lagoeki, POA		02/22/2017
		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) Shares were sold pursuant to a 10b5-1 Trading Plan in order to raise funds to pay the required withholding tax pursuant to the vesting of RSUs.

The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$368.915 to \$369.35, inclusive. The reporting person undertakes to provide to Equinix, Inc, any security holder of Equinix Inc, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in footnotes 3 thru 5 to this Form 4.

(3) The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$370.03 to \$371.02 inclusive.

(4) The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$371.14 to \$372.09 inclusive.

(5) The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$372.30 to \$372.35 inclusive.

On March 16, 2016, the reporting person was granted performance restricted stock units, the vesting of which was subject to both continued service and the attainment of certain AFFO, Revenue and EBITDA targets for 2016. The Compensation Committee certified the degree to which the targets were achieved, therefore 50% of the award vested on February 17, 2017, 25% will vest on February 15, 2018 and the remaining 25% will on February 15, 2019, subject solely to continued service.

(7) Restricted stock unit award expires upon reporting person's termination of employment.

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.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints each of, Samantha Lagocki, Melanie Mock, Brandi Galvin Morandi, Billie Olson, Margaret Paige, Darrin B. Shor

1. execute for and on behalf of the undersigned's capacity as an officer and/or director of Equinix, Inc. (the "Company") Forms 3, 4 or 5 and in accordance with Section 16(a) of the Securities Exchange Act of 1934
2. do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete the execution of any such Forms 3, 4 or 5 and the timely filing of such for
3. take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform all and every act and thing whatsoever requisite, necessary and proper to be done in the exercise of the powers herein conferred.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in the securities of the Company.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 29 day of June, 2015.

/s/ Stephen Smith

Signature

Stephen Smith

Print Name