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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT**

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): May 4, 2018

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**EQUINIX, INC.**

(Exact Name of Registrant as Specified in its Charter)

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Delaware  
(State or Other Jurisdiction of Incorporation)

000-31293  
(Commission File Number)

77-0487526  
(I.R.S. Employer Identification No.)

One Lagoon Drive, Redwood City, California 94065  
(Address of Principal Executive Offices) (Zip Code)

(650) 598-6000  
(Registrant's Telephone Number, Including Area Code)

Not Applicable  
(Former Name or Former Address, if Changed Since Last Report)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instructions A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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**Item 8.01 Other Events.**

Exhibits are filed herewith in connection with Equinix, Inc.'s (the "Company's") "at the market" offering under which the Company may sell, from time to time, the Company's common stock, par value \$0.001 per share, having an aggregate offering price of up to \$750,000,000, pursuant to the Company's automatic shelf registration statement on Form S-3 filed on November 7, 2017 as supplemented by the prospectus supplement filed by the Company on November 7, 2017.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

<b>Exhibit Number</b>	<b>Description</b>
<u>5.1</u>	<u>Opinion of Davis Polk &amp; Wardwell LLP.</u>
<u>23.1</u>	<u>Consent of Davis Polk &amp; Wardwell LLP (included in Exhibit 5.1).</u>

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

EQUINIX, INC.

By: /s/ Keith D. Taylor  
Name: Keith D. Taylor  
Title: Chief Financial Officer

Date: May 4, 2018

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New York  
Northern California  
Washington DC  
São Paulo  
London

Paris  
Madrid  
Tokyo  
Beijing  
Hong Kong



Davis Polk & Wardwell LLP  
1600 El Camino Real  
Menlo Park, CA 94025

650 752 2000 tel  
650 752 2111 fax

May 4, 2018

Equinix, Inc.  
One Lagoon Drive  
Redwood City, California 94065

Ladies and Gentlemen:

We have acted as special counsel for Equinix, Inc., a Delaware corporation (the “**Company**”), in connection with the issuance and sale by the Company of shares (the “**Securities**”) of common stock of the Company, par value \$0.001 per share (the “**Common Stock**”), having an aggregate offering price to the public of up to \$750,000,000, pursuant to the Company’s Registration Statement on Form S-3 (Form No. 333-221380) filed on November 7, 2017 and declared effective by the Securities and Exchange Commission on November 7, 2017 (the “**Registration Statement**”), a base prospectus dated November 7, 2017 and related prospectus supplement dated November 7, 2017 (the “**Prospectus Supplement**”), and that certain Equity Distribution Agreement dated August 4, 2017 (the “**Equity Distribution Agreement**”) by and between the Company and the several sales agents named therein.

We, as your counsel, have examined originals or copies of such documents, corporate records, certificates of public officials and other instruments as we have deemed necessary or advisable for the purpose of rendering this opinion.

In rendering the opinion expressed herein, we have, without independent inquiry or investigation, assumed that (i) all documents submitted to us as originals are authentic and complete, (ii) all documents submitted to us as copies conform to authentic, complete originals, (iii) all signatures on all documents that we reviewed are genuine, (iv) all natural persons executing documents had and have the legal capacity to do so, (v) all statements in certificates of public officials and officers of the Company that we reviewed were and are accurate and (vi) all representations made by the Company as to matters of fact in the documents that we reviewed were and are accurate.

Based upon the foregoing, and subject to the additional assumptions and qualifications set forth below, we advise you that, in our opinion, when the Securities have been issued and delivered against payment therefor in accordance with the terms of the Equity Distribution Agreement, the Securities will be validly issued, fully paid and non-assessable. In rendering the foregoing opinion, we have assumed that upon the issuance of any of the Securities, the total number of shares of Common Stock issued and outstanding will not exceed the total number of shares of

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Common Stock that the Company is then authorized to issue under its Amended and Restated Certificate of Incorporation, as amended.

We are members of the Bars of the States of New York and California and the foregoing opinion is limited to the laws of the State of New York and the General Corporation Law of the State of Delaware.

We hereby consent to the filing of this opinion as an exhibit to a report on Form 8-K to be filed by the Company on the date hereof and its incorporation by reference into the Registration Statement and further consent to the reference to our name under the caption "Legal Matters" in the Prospectus Supplement, which is a part of the Registration Statement. In giving this consent, we do not admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act of 1933, as amended.

Very truly yours,

/s/ Davis Polk & Wardwell LLP

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