



UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

April 20, 2012

Via E-mail

Mr. Keith D. Taylor  
Chief Financial Officer  
Equinix, Inc.  
One Lagoon Drive, Fourth Floor  
Redwood City, CA 94065

**Re: Equinix, Inc.  
Form 8-K  
Filed February 15, 2012  
File No. 000-31293**

Dear Mr. Taylor:

We have reviewed your filing and have the following comments. Please comply with the following comments in future filings. Confirm in writing that you will do so and explain to us how you intend to comply. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter within ten business days by providing the requested information, or by advising us when you will provide the requested response. If you do not believe our comments apply to your facts and circumstances, please tell us why in your response.

After reviewing the information you provide in response to these comments, we may have additional comments.

Form 8-K filed February 15, 2012

Exhibit 99.1

1. We believe that your earnings release gives undue prominence to the presentation and discussion of non-GAAP measures. For instance, we note your references to Adjusted EBITDA, cash cost of revenues, cash gross margins and cash selling, general and administrative expenses in the introduction of the earning release without references to the corresponding comparable GAAP measures. We also note that you give undue prominence to the presentation and discussion of the

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non-GAAP measures throughout the earnings release. Accordingly, we believe that you should revise future earnings releases to comply with the reporting requirements of Item 10(e) of Regulation S-K. Refer to Instruction 2 to Item 2.02 of Form 8-K in this regard.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable Exchange Act rules require. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In responding to our comments, please provide a written statement from the company acknowledging that:

- the company is responsible for the adequacy and accuracy of the disclosure in the filing;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filing; and
- the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

You may contact Leigh Ann Schultz at (202) 551-3628 or Terry French, Accounting Branch Chief, at (202) 551-3828 if you have questions regarding these comments. You may also contact me at (202) 551-3815 with any other questions.

Sincerely,

/s/ Carlos Pacho for

Larry Spigel  
Assistant Director