

OpenStack, the Compelling Cloud Platform: Key for Telco Virtualisation

<https://marketpublishers.com/r/O2F71B8719AEN.html>

Date: June 2016

Pages: 35

Price: US\$ 2,200.00 (Single User License)

ID: O2F71B8719AEN

Abstracts

This report presents the introduction of OpenStack as a major cloud platform and its effect on this industry. The first part of the report gives a description of OpenStack and the benefits from deploying it. The second part provides an overview of OpenStack ecosystem : the vendors, the backers and the competitors. The final part presents how important the introduction of OpenStack is in the telecom world. Why and how is OpenStack getting popular? What are the relationships between OpenStack and all the cloud platforms? What impact will OpenStack have on the future telecom world?

These years, OpenStack has gained in popularity thanks to its intrinsic features of being an open source based infrastructure. Key benefits seen when deploying OpenStack by users comprise costs savings, increased flexibility (avoid vendor lock-in) and fast deployment. Above all, its increased reputation comes from the large community around OpenStack.

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