Avoid Vendor Lock-In using Virtual Adaptive Framework (VAF)

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 133 - Number 1

Year of Publication: 2016

Authors:

Ch. Siva Rama Krishna, B. Tarakeswara Rao, B. Sathyanarayana Reddy

10.5120/ijca2016907720

Abstract

The greater part of the present cloud computing platforms offer Infrastructure as a Service (IaaS) model, which expects to procurement fundamental virtualized computing assets as on interest and element Services. By the by, a single cloud does not have boundless assets to offer to its clients, consequently the thought of an Inter-Cloud environment where a cloud can utilize the infrastructure assets of different clouds. Because of vendor lock-in snags in broad daylight cloud computing the capacity to define transferable cloud-based Services is pivotal yet has not yet been comprehended palatably. . The genuine cutting edge cloud services configuration does not methodically manage how to define, send and work cross-platform competent cloud services. This is mainly because of the inherent multifaceted nature of the field and contrasts in subtle elements between a lot of existing open and private cloud infrastructures. In any case, there is no basic structure in presence that permits the service proprietors to consistently procurement even some essential services across different cloud Service Providers, to address the above issues I recommend Virtualized Private cloud with
versatile system, which drives the displayed issues, thus keeping in mind the end goal to give
the boundless services, it will demonstrate high security, data accessibility, data integrity with
elite.

References

1. A. Rowstron, P. Druschel, Pastry: Scalable, decentralized object location, and routing for
2. B. Y. Zhao, L. Huang, J. Stribling, S. C. Rhea, A. D. Joseph, J. D. Kubiatowicz, Tapestry:
   a resilient global-scale overlay for service deployment, Selected Areas in Communications,
   IEEE Journal on.
3. P. ”Maymounkov, D. Mazieres,”kademia: A peer-to-peer information system based on
   the xor metric”, in: ”Revised Papers from the First International Workshop on Peer-to-Peer
   Systems”, ”Springer-Verlag”,“2002”.
   Sitepoint.
   Sciences, Springer, New York, 185-203.
   Analogies and a Corresponding Cost Estimation Model. CLOSER 2011—1st International
   Conference on Cloud Computing and Services Science (Special Session on Business Systems
12. DMTF, CIMI (Cloud Infrastructure Management Interface) (2014) Last Access 30th June
    http://fog.io
    Infrastructure Deployment over the Cloud. Proceedings of 2011 IEEE 3rd International
    Conference on Cloud Computing Technology and Science (Cloud-Com), Athens, 29
    November-1 December 2011, 517-521.
    Technology and Science (CloudCom), Athens, 29 November-1 December 2011, 658-665.
    an IaaS Deployment Language in Federated Clouds. Proceedings of SOCA, Irvine, 12-14
Avoid Vendor Lock-In using Virtual Adaptive Framework (VAF)

December 2011, 1-4.

Index Terms

Computer Science
Information Sciences

Keywords

Cloud Computing, Vendor Lock-In, Cross-Platform, Interclub Virtual adaptive framework