Abstract

The popularity of cloud computing has increased in recent years and huge Information Technology companies like Google, Amazon, Microsoft and IBM each have launched their own cloud infrastructures which have resulted in individual and island-like infrastructures. The clients of cloud services are growing and various businesses, organizations and individuals use cloud services for their different purposes. The tendency to use multiple providers simultaneously by the same client, migration from one cloud provider to another one and creating composite services using the provided services by various cloud providers, increases the need for interoperability among them. Using the concepts of interoperability in organizations, this research aims at proposing a framework which without any impact on the infrastructures and cloud providers’ platforms facilitates the interaction among them. This research discusses high-level issues of interoperability among cloud providers and helps architects to have an organized viewpoint about them.
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Index Terms

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