Abstract

As we all know Cloud computing is an emerging field in the world of computation and security of the data must be confined over the network. There are some security issues occurring while using services over the cloud and stress of our study is the multi-tenancy issue. Many organizations nowadays are looking for improving security while sharing resources, application etc. on same hardware and same software by implementing multi-factor authentication i.e. authentication requiring more than one independent mechanism to prove one’s identity like One-time passwords. We describe how cloud computing can address these issues. Our approach is based on a flexible framework for supporting authentication with multi-tenancy architecture. For that, we proposed a framework using multitenant architecture for secure cloud computing environment that secure our data over the cloud and support multi-tenancy nature with the help of OTP.
Framework using Multitenancy Architecture in Cloud Computing

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Index Terms

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Keywords