Abstract

Development, implementation and maintenance of Enterprise Application are very difficult; there are several challenges like dependencies of services, response time, linking of implementation and services and rigidity of services exist in Enterprise Applications. Several approaches have been discussed so far to address the challenges of Enterprise Application Development. But several issues are left unaddressed. Recently cloud computing is evolving as a key computing platform for sharing resources. It promises that resources like computing capacity and storage or services like databases or messaging system can rapidly be acquired and released based on the current requirements of the application. Here in this work we propose an architecture that uses Event driven service oriented approach based on cloud computing. In this architecture we use Event Clustering to reduce the redundant and duplicate events coming from private clouds and then forward these events to the Event Orchestration System whose responsibility is to locate services in the public cloud, facilitate these services at user level. As a result service availability to the user is guaranteed in an efficient and effective manner.
References

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Index Terms

Computer Science

Cloud Computing
Keywords
Enterprise Application  Event Clustering  Soa  Private Cloud  Orchestration Engine