Abstract

Software as a Service (SaaS) is one of the striking features of cloud computing. SaaS has revolutionized the software engineering very significantly. SaaS eliminates the requirement of customers (tenants) to purchase, install and maintenance of infrastructure and software. Customers only have to pay for services provided by SaaS vendors. Multi-tenancy in SaaS application is most important feature for the success of SaaS application. However, there are many challenges in the development, deployment, and security of such application. This paper addresses the issue of how to effectively support multi-tenancy in SaaS application and proposes SaaS architecture to support multi-tenancy in e-commerce application.
An Approach for Development of Multitenant Application as SaaS Cloud

References

- Rouven Krebs, Christof Momm and Samuel Kounov, “Architectural Concerns in Multitenant SaaS Applications.”
- A Multi-Tenant RBAC Model for Collaborative Cloud Services Bo Tang_y, Qi Li_ and Ravi Sandhu. Institute for Cyber security Department of Computer Science University of Texas at San Antonio One UTSA Circle, San Antonio, Texas 78249 2013 Eleventh Annual Conference on Privacy, Security and Trust (PST).

Index Terms

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Keywords