A Survey on Cloud Security and Various Attacks on Cloud

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Abstract

Cloud computing provides a means to store and process data through a collection of resources which can be accessed online. Cloud is a collection of storage and physical machines which are termed as datacenter. Cloud consists of many datacenters located at geographically different places. Every physical machine of datacenter can handle more than one user. Virtualization is the technology behind the cloud to utilize the resources. Virtualization offers that many virtual machines corresponding to every task of user can be submitted for execution on the same physical machine. The virtual machine will get destroyed as soon as task will be finished. To balance load of the cloud datacenters these virtual machines are migrated between physical machines. In this paper a survey is done on cloud security issues.

References

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Index Terms

Computer Science

Security
Keywords

Cloud, hypervisor, malware, side channel attack