Abstract

Resource management in cloud is been an attraction of all the researchers in the past few years. The main reason behind that is the complexity of resource management problem is high. Many virtual machines are created on top of physical machines and this allocation is a NP-Hard problem. In this paper a resource allocation mechanism based on ant colony is proposed.

References

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Index Terms

Computer Science
Distributed Systems

Keywords

Cloud Service Provider (CSP), virtual machines (VMs), VM monitor (VMM), SLA (Service Level Agreements), physical machine (PM)