Abstract

A Centralized Monitoring as a Service (CMaaS) is a desired and necessary feature to be included in cloud computing. One of the concerns in having CMaaS from both user and provider's perspectives would be that of performance implications. Carrying out a performance analysis thus, becomes an important task before suggesting a MaaS solution. A straight forward performance study would be to find out whether the inclusion of monitoring processes affects the normal user request processing or not. The paper studies the affects by forming a simulation environment. The studies will also help datacenters in deciding whether to have dedicated VMs allocated for monitoring or to have monitoring processes share the VMs allocated for processing user requests.

References

Having Centralized Monitoring as a Service in Cloud Computing: A Study of Performance Aspects

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Index Terms

Computer Science
Cloud Computing

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Keywords
cloud computing  monitoring  Access management  MaaS  Centralized MaaS
Performance study.