Framework for Cloud Computing Platform with a Virtualized Network Infrastructure

Abstract

After the development of cloud computing technology and internet, manufacture of cloud computing, which is operated independently by the third party, with high scalability and low energy consumed, become a new network manufacturing mode, this paper starts with the cloud Service models overview, and then the paper discusses the usage of cloud computing technology for designing a platform virtually for a group of scientist to display their achievement on internet. The authors compare two kinds of models and introduced architecture for design platform, the platform allows scientists to share their achievement by using the unified portal.

References


- www.libvirt.org, "network management architecture," physical diagram.

**Index Terms**

Computer Science

Distributed Systems

**Keywords**

Cloud Computing  Design Platform  Virtualization Technology