Abstract

Infrastructure as a Service (IaaS) is one of cloud computing model. IaaS is a cloud computing model that serve an infrastructure to client, like an virtual machine. Infrastructure that served such as storage, networking, memory, and firewall. IaaS users are increasing, so it is needed a tool to manage an IaaS. The providers and the clients using this tool to manage an IaaS.

A tool to manage cloud computing sistem called cloud manager, including to manage IaaS. This cloud manager is developed in web based application. This cloud manager is provided for OpenStack platform. So thats way this cloud manager is developed using OpenStack API.

OpenStack alredy have a cloud manager called Horizon. The advantage from this cloud manager than Horizon are that this cloud manager have facilitys to resizing and uploading image.

Keywords : cloud computing, openstack, iaas