Installation of OpenStack (Liberty release) using PackStack

Abstract

OpenStack is an open source cloud platform created by Rackspace Hosting and NASA. It is primarily used for Infrastructure as a Service (IaaS) deployments. IaaS deployments deal with physical/infrastructural aspects of the virtualization provided by cloud which signifies – storage, computing power, Random Access Memory (RAM) for efficient utilization of resources. This paper presents the installation steps for the ‘Liberty’ Release of OpenStack using the PackStack installer script. It also describes how to launch an instance using an image of the ‘CirrOS’ cloud OS, pinging and accessing it via Secure Shell (SSH).

References


Index Terms

Computer Science
Information Sciences
Keywords

Cloud computing, OpenStack, IaaS, Liberty, CirrOS, PackStack, Open Source