Open Stack

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* It is a cloud OS that is use to control the large pools of computing storage and networking resources within a data centre. It is a open source and free software
* The major components of open stack are given below:-
  + Compute(Nova)
  + Object storage(Swift)
  + Block storage(cinder)
  + Networking(Neutron)
  + Dashboard(Horizon)
  + Identity(Keystone)
  + Image service(Glance)

Installation of Open-Stack:

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* Install RDO repository (RPM distribution of openstack)
* Switch to root

#yum update –y

# yum install –y <https://www.rdoproject.org/repos/rdo-release.rpm>

* Install openstack instance packstack

#yum install –y openstack-packstack

* Deploy openstack

#packstack –allinone

# packstack --gen-answer-file=/root/myfile.txt

#vim myfile.txt

* Go to line number: 326
* Change CONFIG\_KEYSTONE\_ADMIN\_PW=hpcsa
* If myfile.txt is not created then run following cmd

# setenforce 0

# systemctl disable firewalld

# packstack –answer-file=/root/myfile.txt