# Physical architecture



# Service architecture



# Requirements

|  |  |  |
| --- | --- | --- |
| Host Name | NICs | Node Role |
| [ns3369519.ovh.net](http://ns3369519.ovh.net) | eth0: 37.187.90.188 | Controller, Network |
| [ns3362314.ovh.net](http://ns3362314.ovh.net) | eth0: 37.187.72.222 | Compute |

# Install Packstack

yum install -y http://rdo.fedorapeople.org/openstack/openstack-havana/rdo-release-havana.rpm

yum install -y openstack-packstack

# Packstack Configuration

Create a answer file:

packstack --gen-answer-file=multi-node-gre-node.txt

Modify it as follow:

CONFIG\_NTP\_SERVERS=0.uk.pool.ntp.org

CONFIG\_SWIFT\_INSTALL=y

CONFIG\_HEAT\_INSTALL=y

CONFIG\_KEYSTONE\_ADMIN\_PW=admin

CONFIG\_NOVA\_COMPUTE\_HOSTS=37.187.90.188, 37.187.72.222

CONFIG\_NEUTRON\_OVS\_TENANT\_NETWORK\_TYPE=gre

CONFIG\_NEUTRON\_OVS\_TUNNEL\_RANGES=1:1000

CONFIG\_NEUTRON\_OVS\_TUNNEL\_IF=eth0

# Start Installing

packstack --answer-file=multi-node-gre-node.txt

# Move Nova Instance

mkdir –p /home/openstack/lib

mv /var/lib/nova /home/openstack/lib

Modify /etc/nova/nova.conf as follow:

state\_path=/home/openstack/lib

# Instance Image

|  |  |
| --- | --- |
| Name | URL |
| CentOS6.4\_x86\_64 | <http://mirror.catn.com/pub/catn/images/qcow2/centos6.4-x86_64-gold-master.img> |