Controller节点

#systemctl start chronyd

#systemctl start mariadb

#systemctl start rabbitmq-server.service

#systemctl start memcached.service

#systemctl start httpd

#systemctl start openstack-glance-api.service

#systemctl start openstack-glance-registry.service

#systemctl start openstack-nova-api.service

#systemctl start openstack-nova-consoleauth.service

#systemctl start openstack-nova-scheduler.service

#systemctl start openstack-nova-conductor.service

#systemctl start openstack-nova-novncproxy.service

#systemctl start neutron-server.service

#systemctl start neutron-linuxbridge-agent.service

#systemctl start neutron-dhcp-agent.service

#systemctl start neutron-metadata-agent.service

#systemctl start neutron-l3-agent.service

#systemctl start openstack-cinder-api.service

#systemctl start openstack-cinder-scheduler.service

Compute节点

#systemctl start libvirtd.service

#systemctl start openstack-nova-compute.service

#systemctl start neutron-linuxbridge-agent.service

#systemctl start lvm2-lvmetad.service

#systemctl start openstack-cinder-volume.service

#systemctl start target.service