

Verify Glance and Cinder Services



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Objectives



Glance Image Service

Glance Endpoints

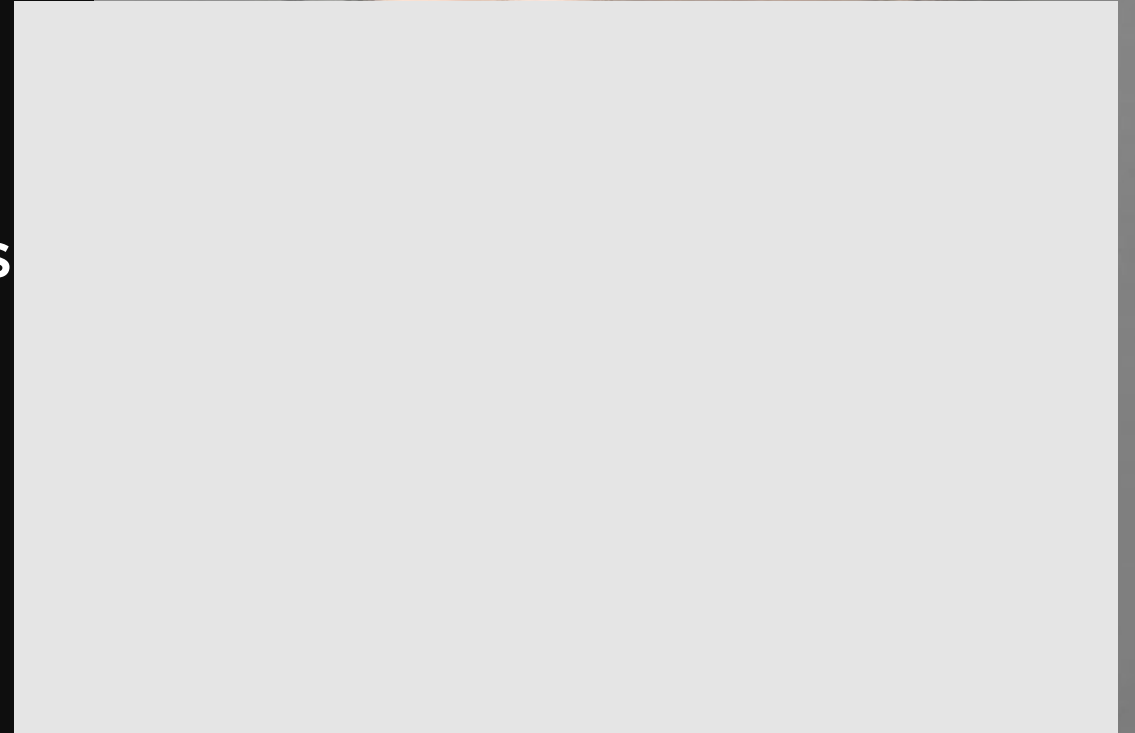
Cinder Volume Service

Cinder Endpoints

Add a Volume to an Instance

Glance Image Service

The Image Service (glance) enables users to discover, register and retrieve virtual machines images. These images are used to provision new instances. Images can be stored in the filesystem or an OpenStack Object Store



```
# ##openstack server create --image cirros ...  
# glance-manage --version  
# source adminrc  
# openstack image list  
# openstack endpoint list
```

Glance Images

Images are used to provision new instances of virtual machines. Remember back to our **openstack server create** command. Similar to keystone we can verify the version of glance that is in use.

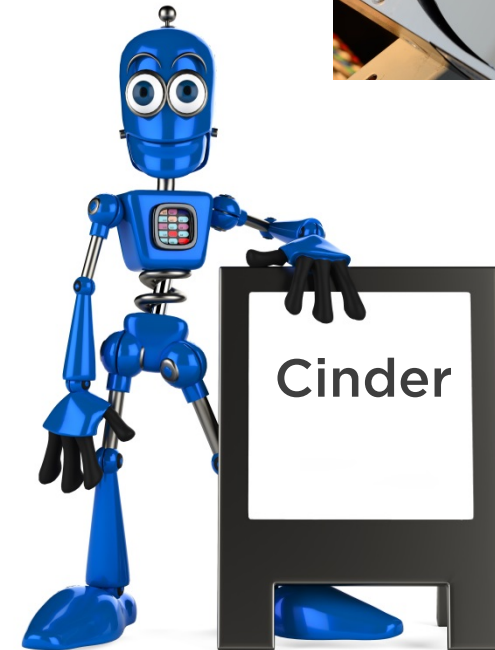
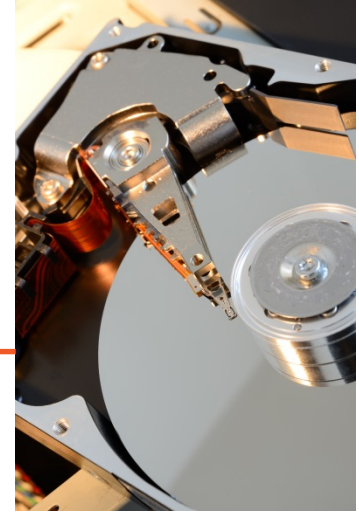


Verify Glance



Cinder SDS

Cinder provides for SDS or **Software Defined Storage** in your Cloud. Connecting block devices to your Cloud VMS



```
# cinder-manage --version  
# cinder-manage service list  
# openstack endpoint list
```

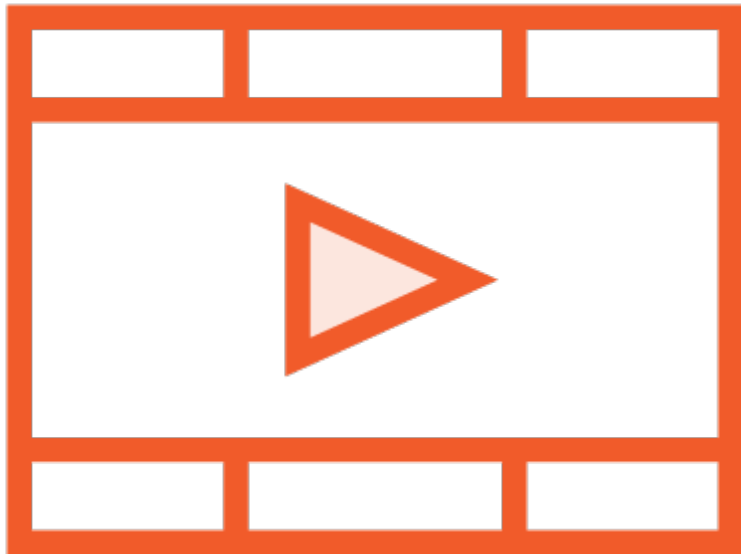
Cinder

Cinder supports two APIs. The version 2 API is current and the V1 API is for compatibility only.



Add Volume to Instance





Identified Glance: The image service used to provision new virtual machines in the cloud

Identified Cinder: Cinder connects Block Storage Devices to virtual machines in the cloud. Cinder is described as an SDS service, Software Defined Storage



Next up: Identify and Verify
Nova Compute

