

OpenStack (Queens) 搭建之 Cinder-Compute (存储) 节点

作者: [limoumou](#)

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OpenStack (Queens) 搭建之Cinder-Compute (存储) 节点

一：安装 LVM组件,并开启服务器

```
yum install lvm2 device-mapper-persistent-ata
systemctl enable lvm2-lvmetad.service
systemctl start lvm2-lvmetad.service
```


二：创建LVM pv 和 vg 对 /dev/sdb;

```
pvcreate /dev/sdb
```

Physical volume "/dev/sdb"
successfully created

```
vgcreate cinder-volumes /dev/sdb
```

Volume group "cinder-volumes"
successfully created

```
</code></pre>
```


三：编辑/etc/lvm/lvm.conf配置文件, 添加过滤规则

```
filter = [ "a/sda", "a/sdb", "r./.*"]
```


四：下载cinder相关组件

```
yum install openstack-cinder targetcli pytho-keystone
```


五：编辑/etc/cinder/cinder.conf配置文件

```
[root@compute ~]# egrep -v "^[^#
quot; /etc/cinder/cinder.conf
[DEFAULT]
transport_url = rabbit://openstack:openstack@controller
auth_strategy = keystone
my_ip = 172.30.200.11
enabled_backends = lvm
glance_api_servers = http://controller:9292
[database]
connection = mysql+pymysql://cinder:cinder@controller/cinder
[keystone_authtoken]
auth_uri = http://controller:5000
auth_url = http://controller:35357
memcached_servers = controller:11211
auth_type = password
project_domain_name = default
user_domain_name = default
project_name = service
username = cinder
password = cinder
```

```

[oslo_concurrency]
lock_path = /var/lib/cinder/tmp
[lvm]
volume_driver = cinder.volume.drivers.lvm.LVMVolumeDriver
volume_group = cinder-volumes
iscsi_protocol = iscsi
iscsi_helper = lioadm

```

</code></pre>

<p> </p>

<h3>六: 设置服务开启自启动</h3>

```

<pre><code class='language-shell' lang='shell'>systemctl enable openstack-cinder-volume.s
rvice target.service
systemctl start openstack-cinder-volume.service target.service
</code></pre>

```

<p> </p>

<h3>七: 列出cinder服务列表</h3>

```

<pre><code class='language-shell' lang='shell'>openstack volume service list
+-----+-----+-----+-----+-----+-----+
| Binary      | Host    | Zone | Status | State | Updated_at          |
+-----+-----+-----+-----+-----+-----+
| cinder-scheduler | controller | nova | enabled | up    | 2016-09-30T02:27:41.000000 |
| cinder-volume   | compute@lvm | nova | enabled | up    | 2016-09-30T02:27:46.000000 |
+-----+-----+-----+-----+-----+-----+
</code></pre>

```