

已使用NFS为Backup后端存储为例：

1.在screen中添加backup启动命令

```
1 #编辑/home/devstack/stack-screenrc,添加:
2
3 screen -t c-bak bash
4 stuff "/usr/bin/cinder-backup --config-file /etc/cinder/cinder.conf\n"
5 logfile /opt/stack/logs/cinder-backup.log.2017-06-05-135912
6 log on
7
```

2.创建日志文件，和日志软连接

```
1 touch /opt/stack/logs/cinder-backup.log.2017-06-05-135912
2 ln -s /opt/stack/logs/cinder-backup.log.2017-06-05-135912 /opt/stack/logs/c-bak
```

3.配置Backup后端

```
1 [default]
2 backup_driver = cinder.backup.drivers.nfs
3 backup_mount_point_base = $state_path/backup_mount
4 backup_share = 172.24.3.172:/NFS_BACKUP
```

4.重启服务

遇到的问题：

1.挂载点权限的问题，NFS驱动同c-vol一样是通过os-brick 目录进行挂载。

os-brick在创建挂载点目录（\$state_path/backup_mount/XXXXX）时用的是root权限，而

backup后续创建Container用的是stack用户权限，导致无法在\$state_path/backup_mount/XXXXXX创建Container目录。

```
1 def put_container(self, container):
2     path = os.path.join(self.backup_path, container)
3     if not os.path.exists(path):
4
5         os.makedirs(path)
6         permissions = (
7             stat.S_IRUSR |
8             stat.S_IWUSR |
9             stat.S_IXUSR |
10            stat.S_IRGRP |
11            stat.S_IWGRP |
12            stat.S_IXGRP)
13         os.chmod(path, permissions)
```

2.创建Container目录时，backup给的目录权限时504，权限太小无法创建备份文件！！

```
1 def get_object_writer(self, container, object_name, extra_metadata=None):
2     path = os.path.join(self.backup_path, container, object_name)
3     f = open(path, 'wb')
4     permissions = (
5         stat.S_IRUSR |
6         stat.S_IWUSR |
7         stat.S_IRGRP |
8         stat.S_IWGRP)
9     os.chmod(path, permissions)
10    return f
```

参考: <http://note.youdao.com/share/?id=1ae7f8183b0a289b73282c50b55dab1f&type=note#/>