

1. 修改主机名称，关闭防火墙，SELinux。【所有主机】

2. 安装依赖。【所有主机】

```
rm -f /etc/yum.repos.d/*
wget -O /etc/yum.repos.d/openEuler_x86_64.repo
https://repo.huaweicloud.com/repository/conf/openEuler_x86_64.repo
yum install -y net-tools tar expect flex bison ncurses-devel glibc-devel
patch readline-devel libnsl libaio-devel
```

3. 创建目录，修改权限。【openGauss01】

```
mkdir -p /opt/software/openGauss
chmod -R 755 /opt/software
```

4. 上传、解压软件包。【openGauss01】

```
cd /opt/software/openGauss/
tar zxvf openGauss-3.1.1-openEuler-64bit-all.tar.gz
tar zxvf openGauss-3.1.1-openEuler-64bit-om.tar.gz
```

5. 编辑集群配置文件。【openGauss01】

```
cd /opt/software/openGauss/
find . | grep xml | grep template
cp ./script/gspylib/etc/conf/cluster_config_template.xml dbc.xml
vi dbc.xml
```

6. 执行预安装脚本。【openGauss01】

```
vi gspylib/common/CheckPythonVersion.py
`将 if not pythonVersion == (3, 6) 改为 if not pythonVersion >= (3, 6)`
vi /etc/profile.d/performance.sh
`注释 sysctl -w vm.min_free_kbytes=112640 &> /dev/null`

cd /opt/software/openGauss/script/
./gs_preinstall -U omm -G dbgrp -X ../dbc.xml
```

7. 登录 omm 执行安装脚本。【openGauss01】

```
su - omm
```

```
gs_install -x /opt/software/openGauss/cluster_config.xml
```