```
1      1   ifconfig
2      2   cd /etc/sysconfig/network-scripts/
3      3   ls
4      4   vim ifcfg-enp0s3
5      5   systemctl restart NetWorkManager
6      6   ifconfig
7      7   vim ifcfg-enp0s3
8      8   reboot
9      9   ifconfig
10     10  cd /etc/sysconfig/network-scripts/
11     11  ls
12     12  ls -l
13     13  vim ifcfg-enp0s3
14     14  reboot
15     15  ifconfig
16     16  python -V
17     17  cat /etc/os-release
18     18  whereis python
19     19  cd /usr/bin
20     20  ls
21     21  ls -l|grep pythpn
22     22  ls -l|grep python
23     23  whereis python3
24     24  python3 -V
25     25  rpm -qa libaio-devel flex bison ncurses-devel glibc-devel patch lsb_release readline-devel
26     26  cd
27     27  ls
28     28  ls -l
29     29  rm -ivh *.rpm
30     30  rpm -ivh *.rpm
31     31  rpm -qa libaio-devel flex bison ncurses-devel glibc-devel patch lsb_release readline-devel
32     32  lsb_release -v
33     33  lsb_relese -V
34     34  yum install lsb_release
35     35  cat>>/etc/sysctl.conf <<EOF
36     36  net.ipv4.tcp_fin_timeout=60
37     37  net.ipv4.tcp_retries1=5
38     38  net.ipv4.tcp_syn_retries=5
39     39  net.sctp.path_max_retrans=10
40     40  net.sctp.max_init_retransmits=10
41     41  EOF
42     42  sysctl -p
43     43  echo "* soft nofile 1000000" >>/etc/security/limits.conf
44     44  echo "* hard nofile 1000000" >>/etc/security/limits.conf
45     45  echo "* soft nproc 60000" >> /etc/security/limits.d/90-nproc.conf
46     46  cat >> /etc/rc.d/rc.local<<EOF
47     47  if test -f /sys/kernel/mm/transparent_hugepage/enabled;
48     48  then
49     49   echo never > /sys/kernel/mm/transparent_hugepage/enabled
50     50  fi
51     51  if test -f /sys/kernel/mm/transparent_hugepage/defrag;
52     52  then
53     53   echo never > /sys/kernel/mm/transparent_hugepage/defrag
54     54  fi
55     55  EOF
56     56  cat /sys/kernel/mm/transparent_hugepage/enabled
57     57  cat /sys/kernel/mm/transparent_hugepage/defrag
58     58  systemctl status firewalld
59     59  systemctl stop firewalld
60     60  systemctl disable firewalld
61     61  vim /etc/selinux/config
62     62  cat>> /etc/profile<<EOF
63     63  export LANG=en_US.UTF-8
64     64  EOF
65     65  cat /etc/profile | grep LANG
66     66   swapoff -a
67     67  free -g
68     68  cat >>/etc/ssh/sshd_config<<EOF
69     69  PermitRootLogin yes
70     70  EOF
71     71  cat /etc/ssh/sshd_config | grep PermitRootLogin
72     72  cat >>/etc/ssh/sshd_config<<EOF
73     73  Banner none
74     74  EOF
75     75  cat>/etc/resolv.conf<<EOF
76     76  # Generated by NetworkManager
77     77  search localdomain
```

```
 78   78   nameserver 114.114.114.114
 79   79   EOF
 80   80   \
 81   81   vi /etc/hosts
 82   82   more /etc/hosts
 83   83   ifconfig
 84   84   more /etc/hostname
 85   85   vim /etc/hosts
 86   86   vim /etc/hostname
 87   87   mkdir -p /opt/software/openGauss3.0
 88   88   chmod 755 -R /opt/software
 89   89   pwd
 90   90   ls
 91   91   cd /opt.
 92   92   cd /opt
 93   93   ls
 94   94   cd software/
 95   95   ls
 96   96   cd openGauss3.0/
 97   97   ls -l
 98   98   tar -xzvf openGauss-3.0.0-openEuler-64bit-all.tar.gz
 99   99   ls -l
100  100   tar -zxvf openGauss-3.0.0-openEuler-64bit-om.tar.gz
101  101   ls -l
102  102   pwd
103  103   cat > clusterconfig.xml<<EOF
104  104   <?xml version="1.0" encoding="UTF-8"?>
105  105   <ROOT>
106  106    <!-- openGauss 整体信息 -->
107  107   <CLUSTER>
108  108    <!-- 数据库名称 -->
109  109   <PARAM name="clusterName" value="dbCluster" />
110  110    <!-- 数据库节点名称(hostname) -->
111  111    <PARAM name="nodeNames" value="openEuler" />
112  112    <!-- 数据库安装目录-->
113  113    <PARAM name="gaussdbAppPath" value="/opt/opengauss3.0/app" />
114  114    <!-- 日志目录-->
115  115    <PARAM name="gaussdbLogPath" value="/var/log/opengauss3.0" />
116  116    <!-- 临时文件目录-->
117  117    <PARAM name="tmpMppdbPath" value="/opt/opengauss3.0/tmp"/>
118  118    <!-- 数据库工具目录-->
119  119    <PARAM name="gaussdbToolPath" value="/opt/opengauss3.0/install/om" />
120  120    <!-- 数据库 core 文件目录-->
121  121    <PARAM name="corePath" value="/opt/opengauss3.0/corefile"/>
122  122    <!-- 节点 IP,与数据库节点名称列表一一对应 -->
123  123    <PARAM name="backIp1s" value="192.168.56.75"/>
124  124    </CLUSTER>
125  125    <!-- 每台服务器上的节点部署信息 -->
126  126    <DEVICELIST>
127  127    <!-- 节点 1 上的部署信息 -->
128  128   <DEVICE sn="openEuler">
129  129    <!-- 节点 1 的主机名称 -->
130  130    <PARAM name="name" value="openEuler"/>
131  131    <!-- 节点 1 所在的 AZ 及 AZ 优先级 -->
132  132    <PARAM name="azName" value="AZ1"/>
133  133    <PARAM name="azPriority" value="1"/>
134  134    <!-- 节点 1 的 IP,如果服务器只有一个网卡可用,将 backIP1 和 sshIP1 配置成同一个 IP -->
135  135    <PARAM name="backIp1" value="192.168.56.75"/>
136  136    <PARAM name="sshIp1" value="192.168.56.75"/>
137  137
138  138    <!--dn-->
139  139    <PARAM name="dataNum" value="1"/>
140  140    <PARAM name="dataPortBase" value="26000"/>
141  141    <PARAM name="dataopenEuler" value="/data/opengauss3.0/data/db"/>
142  142    <PARAM name="dataopenEuler_syncNum" value="0"/>
143  143    </DEVICELIST>
144  144   </ROOT>
145  145   EOF
146  146   ls -l
147  147   more clusterconfig.xml
148  148    python3 /opt/software/openGauss3.0/script/gs_preinstall -U omm -G dbgrp -X
          /opt/software/openGauss3.0/clusterconfig.xml
149  149   pwd
150  150   ls -l
151  151   vim clusterconfig.xml
152  152    python3 /opt/software/openGauss3.0/script/gs_preinstall -U omm -G dbgrp -X
          /opt/software/openGauss3.0/clusterconfig.xml
153  153   vim clusterconfig.xml
154  154    python3 /opt/software/openGauss3.0/script/gs_preinstall -U omm -G dbgrp -X
          /opt/software/openGauss3.0/clusterconfig.xml
```

```
155  155  ldconfig -p | grep readline
156  156  find / -name  libreadline.so.8
157  157  cd /usr/lib64/
158  158  ls
159  159  ls -l|grep libreadline
160  160  ln -s libreadline.so.8 libreadline.so.7
161  161  ls -l|grep libreadline
162  162   python3 /opt/software/openGauss3.0/script/gs_preinstall -U omm -G dbgrp -X
          /opt/software/openGauss3.0/clusterconfig.xml
163  163  cat /etc/os-release
164  164  pwd
165  165  ls
166  166  cd
167  167  ls
168  168  cd /opt
169  169  ls
170  170  ls l
171  171  ls -l
172  172  cd opengauss3.0/
173  173  ls -l
174  174  pwd
175  175  ls
176  176  cd /opt/software/
177  177  ls
178  178  ls -l
179  179  cd openGauss3.0/
180  180  ls -l
181  181  cd script/
182  182  ls
183  183  ls -l
184  184  chmod -R 755 /opt/software/openGauss3.0/script
185  185  ls -l
186  186  chown -R omm:dbgrp /opt/software/openGauss3.0/script
187  187  ls -l
188  188  cd ..
189  189  ls -l
190  190  cd script/
191  191  ls -l
192  192  ./gs_install -X /opt/software/openGauss3.0/clusterconfig.xml
193  193  su - omm
194  194  shutdown -h nw
195  195  shutdown -h now
196  196  free -g
197  197  cd /opt
198  198  ls
199  199  cd software/
200  200  ls
201  201  cd openGauss3.0/
202  202  ls -l
203  203  cd script/
204  204  ls -l
205  205  gs_uninstall --delete-data
206  206  su - omm
207  207  python3 /opt/software/openGauss3.0/script/gs_preinstall -U omm -G dbgrp -X
          /opt/software/openGauss3.0/clusterconfig.xml
208  208  pwd
209  209  ls -l
210  210  cd ..
211  211  ls -l
212  212  cd /opt/software/openGauss3.0/script
213  213  chmod -R 755 /opt/software/openGauss3.0/script
214  214  chown -R omm:dbgrp /opt/software/openGauss3.0/script
215  215  su - omm
216  216  shutdown -h now
217  217  ifconfig
218  218  free -g
219  219  su - omm
220  220  shutdwn -h now
221  221  shutdown -h now
222  222  su - omm
223  223  clear
224  224  nmcli dev show
225  225  nmcli dev status
226  226  nmcli conn down enp0s3
227  227  cd /etc/sysconfig/network-scripts/
228  228  vim ifcfg-enp0s3
229  229  ifconfig
230  230  su - omm
231  231  ip addr
232  232  nmcli dev status
```

```
233  233  nmcli conn up enp0s3
234  234  ifconfig
235  235  pwd
236  236  vim /etc/sysconfig/network-scripts/
237  237  ls -l
238  238  vim /etc/sysconfig/network-scripts/ifcfg-enp0s3
239  239  nmcli conn down enp0s3
240  240  nmcli conn start enp0s3
241  241  nmcli conn up enp0s3
242  242  ifconfig
243  243  vim /etc/sysconfig/network-scripts/ifcfg-enp0s3
244  244  ifconfig
245  245  vim /etc/sysconfig/network-scripts/ifcfg-enp0s3
246  246  nmcli conn down enp0s3
247  247  nmcli conn up enp0s3
248  248  ifconfig
249  249  systemctl restart NetworkManager
250  250  systemctl reload NetworkManager
251  251  ifconfig
252  252  nmcli device status
253  253  nmcli conn down enp0s3
254  254  ifconfig
255  255  clear
256  256  ifconfig
257  257  clear
258  258  ip add
259  259  ip adr
260  260  clear
261  261  nmcli conn up enp0s3
262  262  ifconfig
263  263  nmcli conn down enp0s3
264  264  ifconfig
265  265  clear
266  266  nmcli con up enp0s3
267  267  ifconfig
268  268  vi /etc/sysconfig/network-scripts/ifcfg-enp0s3
269  269  clear
270  270  ifconfig
271  271  nmcli conn show
272  272  nmcli conn down enp0s3
273  273  ifconfig
274  274  clear
275  275  nmcli conn up enp0s3
276  276  ifconfig
277  277  nmcli conn up enp0s3
278  278  ifconfig
279  279  clear
280  280  nmcli conn down enp0s3
281  281  ifconfig
282  282  clear
283  283  ip addr
284  284  nmcli conn up enp0s3
285  285  ifconfig
286  286  systemctl restart NetworkManager
287  287  systemctl reload NetworkManager
288  288  ifconfig
289  289  nmcli conn down enp0s3
290  290  systemctl reload NetworkManager
291  291  ifconfig
292  292  nmcli conn up enp0s3
293  293  ifconfig
294  294  clear
295  295  vi /etc/sysconfig/network-scripts/ifcfg-enp0s3
296  296  clear
297  297  ifconfig
298  298  clear
299  299  nmcli con down enp0s3
300  300  systemctl reload NetworkManager
301  301  nmcli conn up enp0s3
302  302  ifconfig
303  303  clear
304  304  ip add
305  305  clear
306  306  ifconfig
307  307  clear
308  308  ifconfig
309  309  ifocnfig
310  310  ifconfig
311  311  ps -ef|grep gauss
312  312  vim /etc/sysconfig/network-scripts/ifcfg-enp0s3
```

```
313    313  reboot
314    314  ifconfig
315    315  vim /etc/sysconfig/network-scripts/ifcfg-enp0s3
316    316  reboot
317    317  ifconfig
318    318  shutdown -h now
319    319  ifconfig
320    320  pwd
321    321  su - omm
322    322  wpd
323    323  pwd
324    324  find / -name postgresql.conf
325    325  cd /data/openGauss
326    326  ls
327    327  su - omm
328    328  ifconfig
329    329  su - omm
330    330  netstat -anop|grep 26000
331    331  pwd
332    332  cd /data/opengauss3.0/data/db/
333    333  ls
334    334  vim  postgresql.conf
335    335  su - omm
336    336  vim /etc/hosts
337    337  reboot
338    338  cd  /etc/sysconfig/network-scripts/
339    339  ls
340    340  vim ifcfg-enp0s3
341    341  reboot
342    342  ps -ef|grep gauss
343    343  su - omm
344    344  find / -name postgresql.conf
345    345  su - omm
346    346  shutdown -h now
347    347  ifconfig
348    348  su - omm
349    349  ifconfig
350    350  su - omm
351    351  shutdown -h now
```