2 hostnamectl set-hostname pbs-master

3 vim /etc/selinux/config

4 systemctl stop firewalld.service

5 systemctl disable firewalld.service

6 init 6

7 ip a

8 vim /etc/hosts

9 cat /etc/hosts

10 rsync /etc/hosts root@pbs-node1:/etc/hosts

11 rsync /etc/hosts root@pbs-node2:/etc/hosts

12 yum install git

13 git clone https://github.com/openpbs/openpbs.git

14 yum group list

15 yum groupinstall “Development Tools”

16 cd openpbs/

17 ls

18 cd

19 cd openpbs/

20 mv /root/openpbs/ /root/openpbs-23.06.06

21 tar -cvf /root/rpmbuild/SOURCES/openpbs-23.06.06.tar.gz openpbs-23.06.06

22 rpmbuild -ba openpbs-23.06.06

23 cd

24 ls

25 cd openpbs-23.06.06/

26 ll /root/rpmbuild/SOURCES/

27 tar -cvf /root/rpmbuild/SOURCES/openpbs-23.06.06.tar.gz /root/openpbs-23.06.06

28 yum install gcc hawloc-devel -y

29 yum install libtool-ltdl-devel hwloc-devel libXt-devel libedit-devel libical-devel ncurses-devel postgresql-devel postgresql-contrib python3-devel tcl-devel tk-devel zlib-devel expat-devel openssl-devel –y

30 rpmbuild -ba openpbs.spec

31 yum install zlib-devel -y

32 cd

33 cd rpmbuild/RPMS/x86\_64

34 ls rpmbuild/RPMS/

35 cd openpbs-23.06.06/

36 rpmbuild -ba openpbs.spec

37 cd

38 ll rpmbuild/

39 ll rpmbuild/RPMS/

40 ll /root/rpmbuild/SOURCES/openpbs-23.06.06.tar.gz

41 rm -rf /root/rpmbuild/SOURCES/openpbs-23.06.06.tar.gz

42 ll /root/rpmbuild/SOURCES/openpbs-23.06.06.tar.gz

43 cd openpbs-23.06.06/

44 tar -cvf /root/rpmbuild/SOURCES/openpbs-23.06.06.tar.gz openpbs-23.06.06

45 tar -cvf /root/rpmbuild/SOURCES/openpbs-23.06.06.tar.gz openpbs-23.06.06/

46 cd

47 cd /root/rpmbuild/SOURCES/

48 ll

49 rm -rf openpbs-23.06.06.tar.gz

50 cd

51 tar -cvf /root/rpmbuild/SOURCES/openpbs-23.06.06.tar.gz openpbs-23.06.06

52 ll /root/rpmbuild/SOURCES/

53 rpmbuild -ba openpbs.spec

54 yum install gcc hawloc-devel -y

55 cd openpbs-23.06.06/

56 yum install gcc hawloc-devel -y

57 yum install libtool-ltdl-devel hwloc-devel libXt-devel libedit-devel libical-devel ncurses-devel postgresql-devel postgresql-contrib python3-devel tcl-devel tk-devel zlib-devel expat-devel openssl-devel –y

58 again run rpmbuild –ba openpbs.spec

59 rpmbuild -ba openpbs.spec

60 cd

61 cd rpmbuild/RPMS/x86\_64/

62 yum install openpbs-server-23.06.06-0.x86\_64.rpm -y

63 systemctl status pbs.service

64 vim /etc/pbs.conf

65 chmod 4755 /opt/pbs/sbin/pbs\_iff /opt/pbs/sbin/pbs\_rcp

66 systemctl restart pbs.service

67 systemctl status pbs.service

68 cat /etc/pbs.conf

69 /etc/init.d/pbs status

70 . /etc/profile.d/pbs.sh

71 which qstat

72 qstat -B

73 history

74 scp /etc/pbs.conf pbs-node1:/etc/pbs.conf

75 cd

76 cd /root/rpmbuild/RPMS/x86\_64/

77 ls

78 systemctl restart nfs-server.service

79 systemctl enable nfs-server.service

80 chmod 777 /home/

81 vim /etc/exports

82 cat /etc/exports

83 exportfs -avr

84 mkdir /home/rpms

85 cp \* /home/rpms/

86 ll \* /home/rpms/

87 vim /var/spool/server\_priv/nodes

88 ll /var/spool/server\_priv/nodes

89 vim /var/spool/pbs/server\_priv/nodes

90 cat /var/spool/pbs/server\_priv/nodes

91 pbsnodes -a

92 systemctl restart pbs

93 systemctl enable pbs

94 pbsnodes -a

95 qmgr

96 pbsnodes -a

97 qsub -I

98 su - vm

99 history

[root@pbs-master x86\_64]#