DNS SERVER

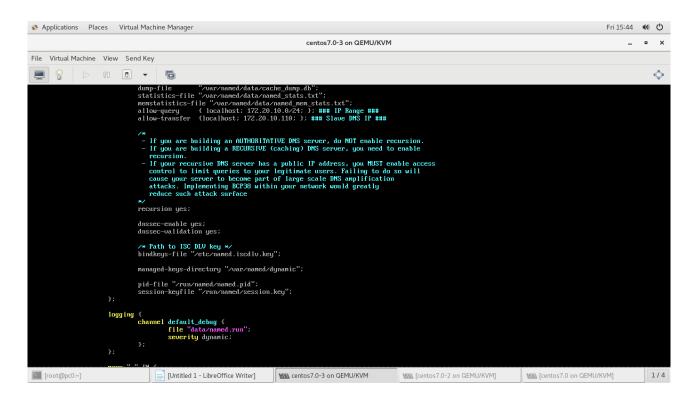
step1:

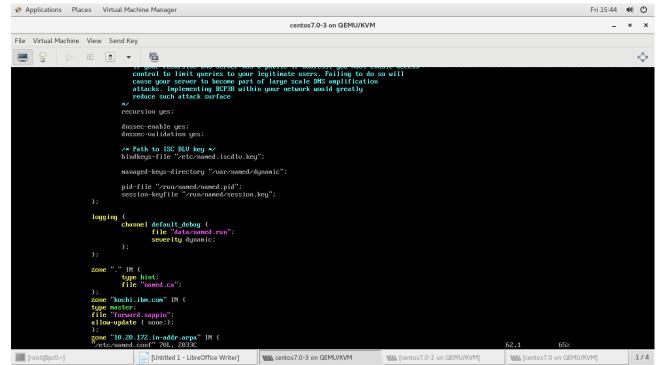
#yum install bind*

step2:

#vim /etc/named.conf

edit file as below



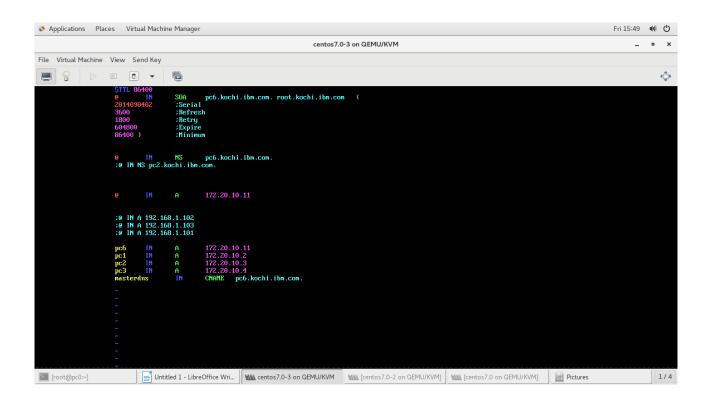


we need to add two files in path /var/named/

Forward file and reverse file in the above scenario files are

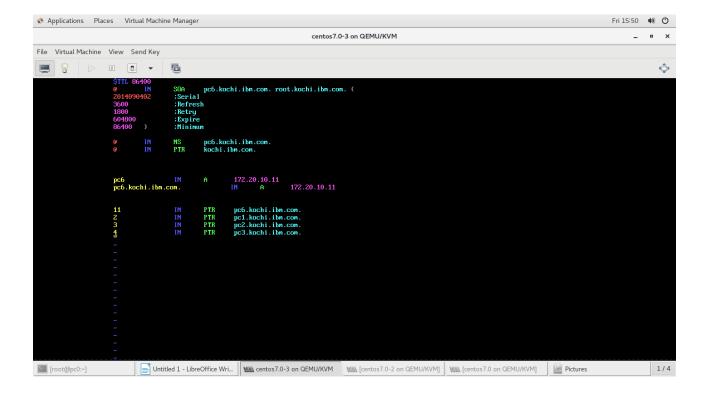
forward.sappio and reverse.sappio

#vim /var/named/forward.sappio



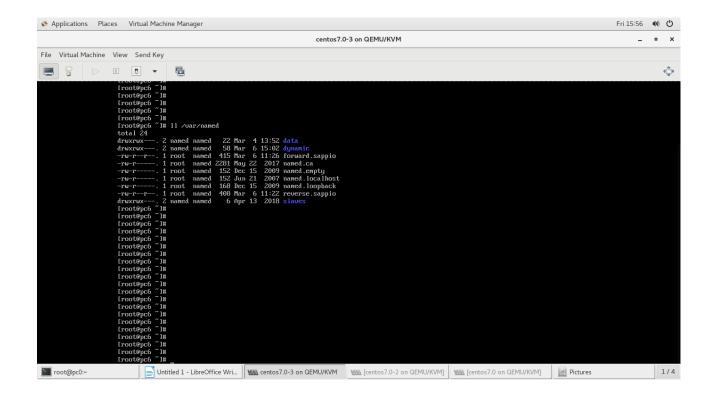
#vim /var/named/reverse.sappio

Here both the files created are in root users & group ownereship, so we need to change the group should be under in named group . Change the group to named on both files using following commands.



chgrp named /var/named/forward.sappio chgrp named /var/named/forward.sappio

After setting correct ownership on the files, verify the same.



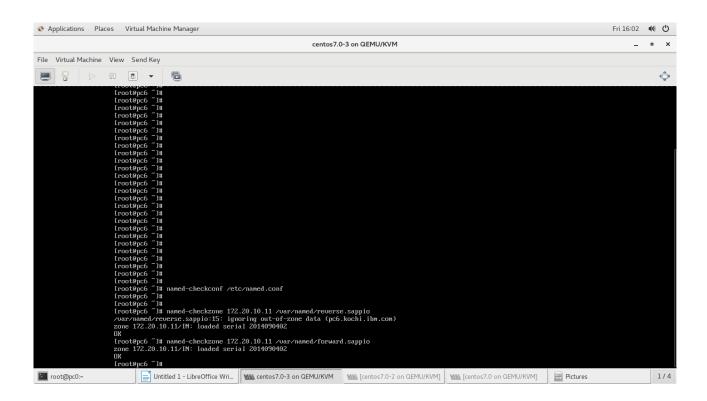
Now, check for the errors in zone files, before starting the DNS service. First check the named.conf file, then check other zone files.

#named-checkconf /etc/named.conf

#named-checkzone pc6.kochi.ibm.com /var/named/forward.sappio

#named-checkzone pc6.kochi.ibm.com /var/named/reverse.sappio

OUTPUT

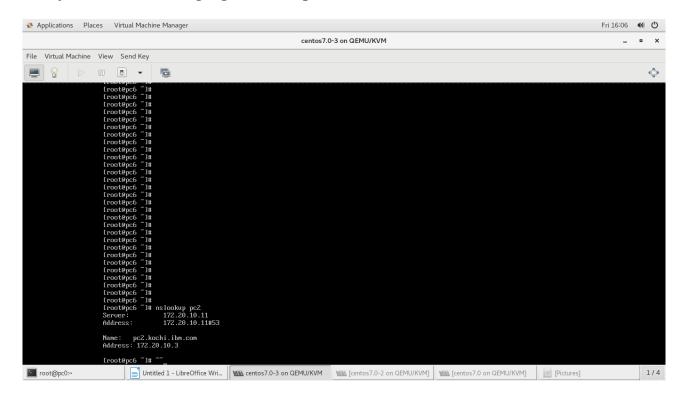


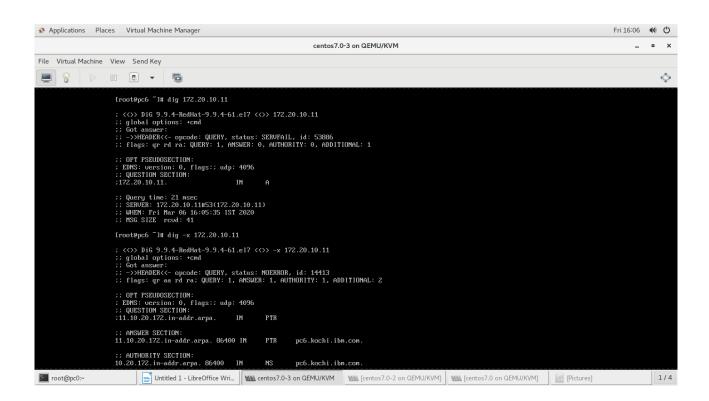
Add firewall service DNS

start the named service and enable.

DONE!!!

finally, test the DNS using dig & nslookup tools





Client side

edit the /etc/resolv.conf

Add name server as 172.20.10.11 on client

To add DNS server permanent make a entry in connection file

 $eg\ of\ connection\ file: /etc/sysconfig/network-script/ifcfg-eth 0$