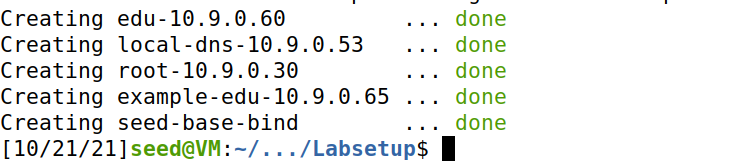
Advanced Computer Networking and Security - 5800

Assignment -7

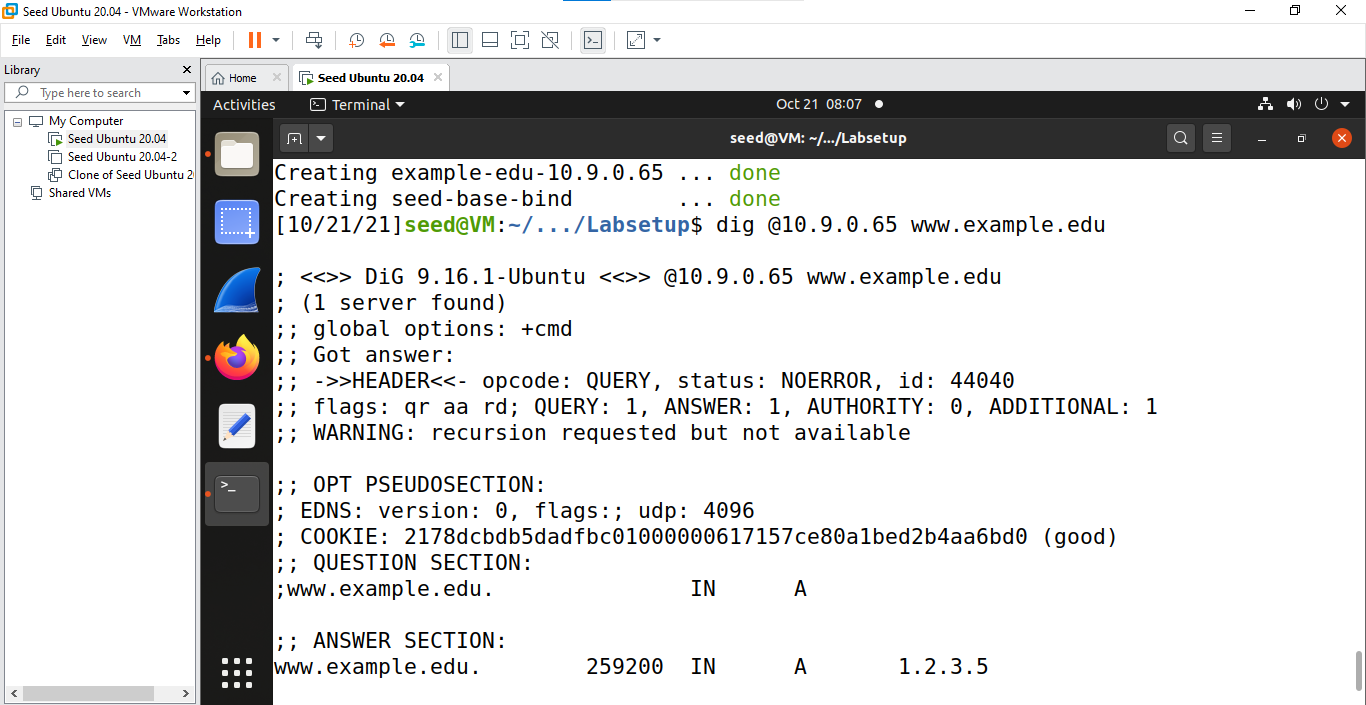
DNS IN A BOX

Name: SAI ROHIT JONNADA

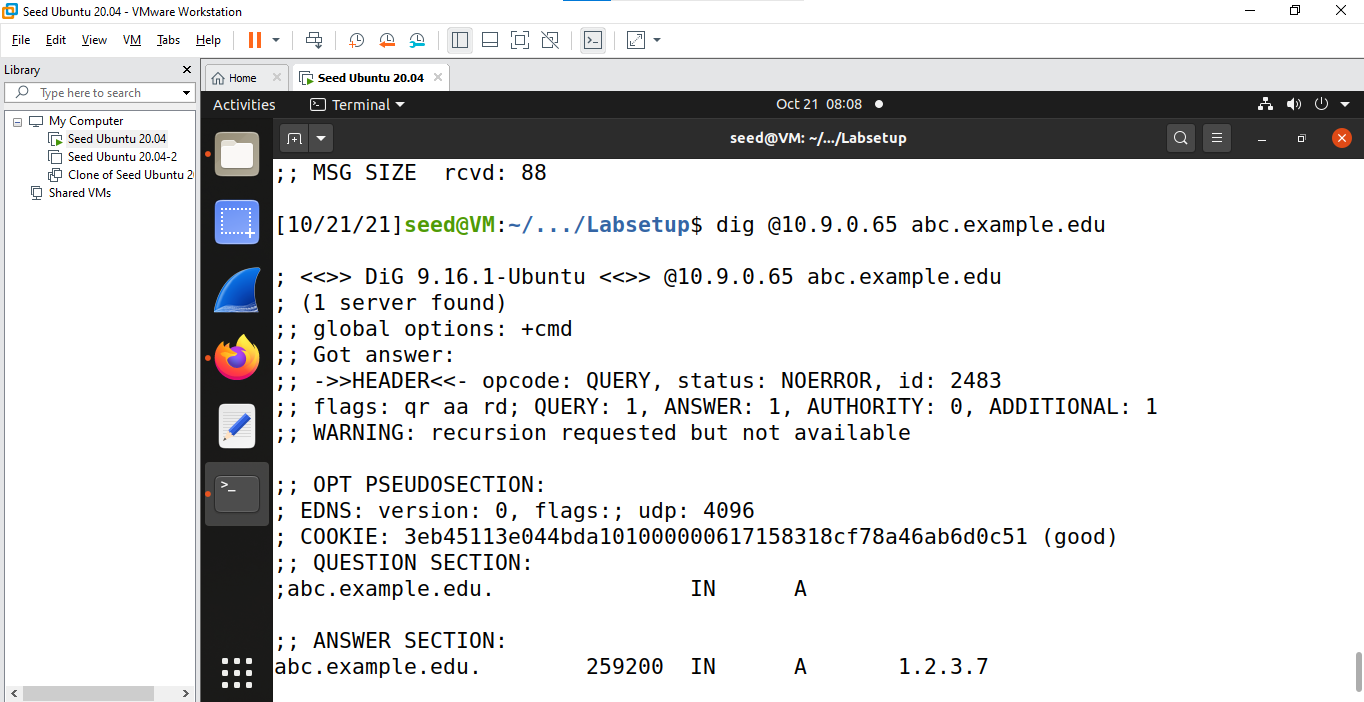
ID :700723743

Turning on the docker 

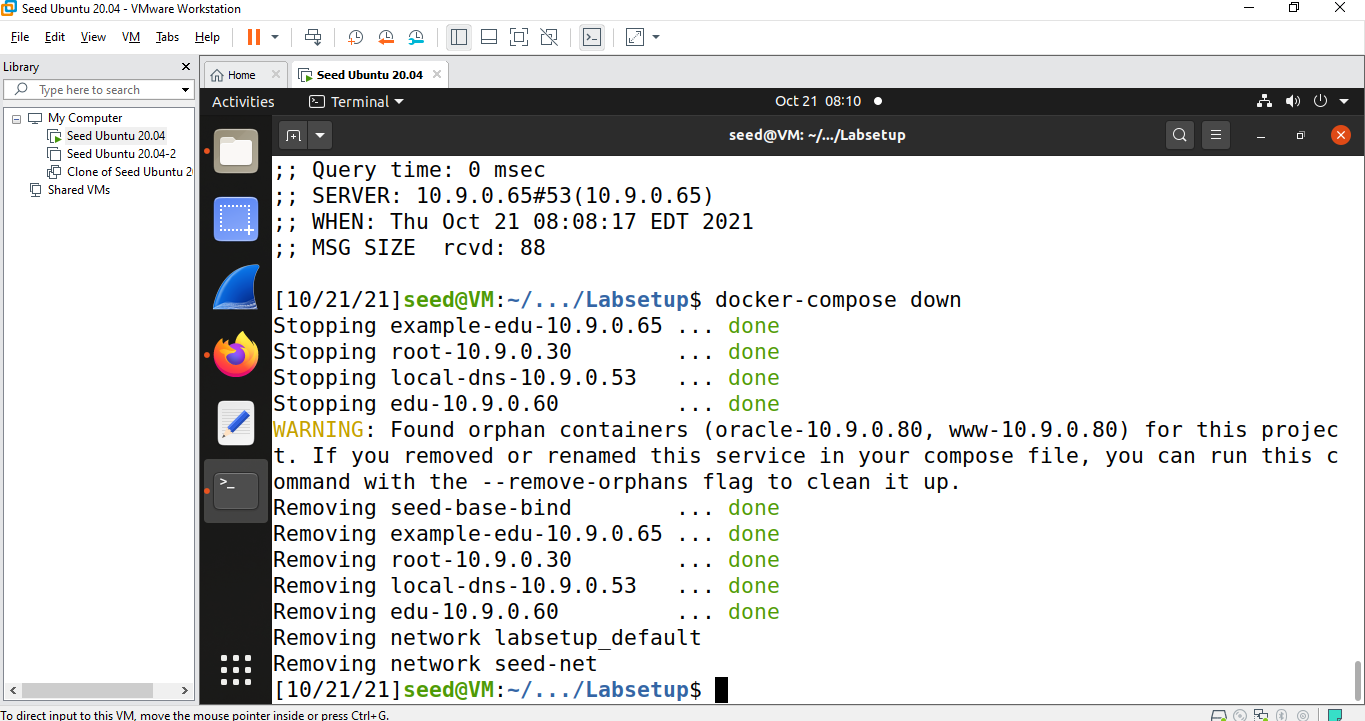
Running the dig command to check the server

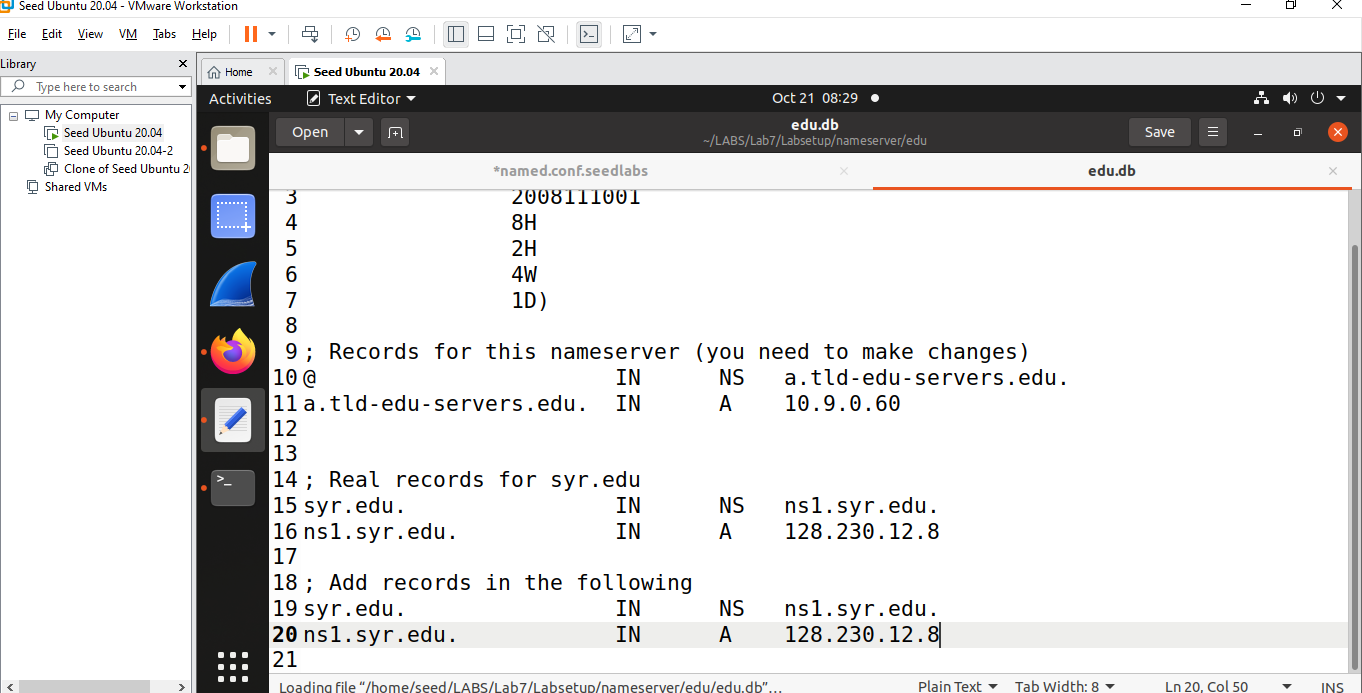


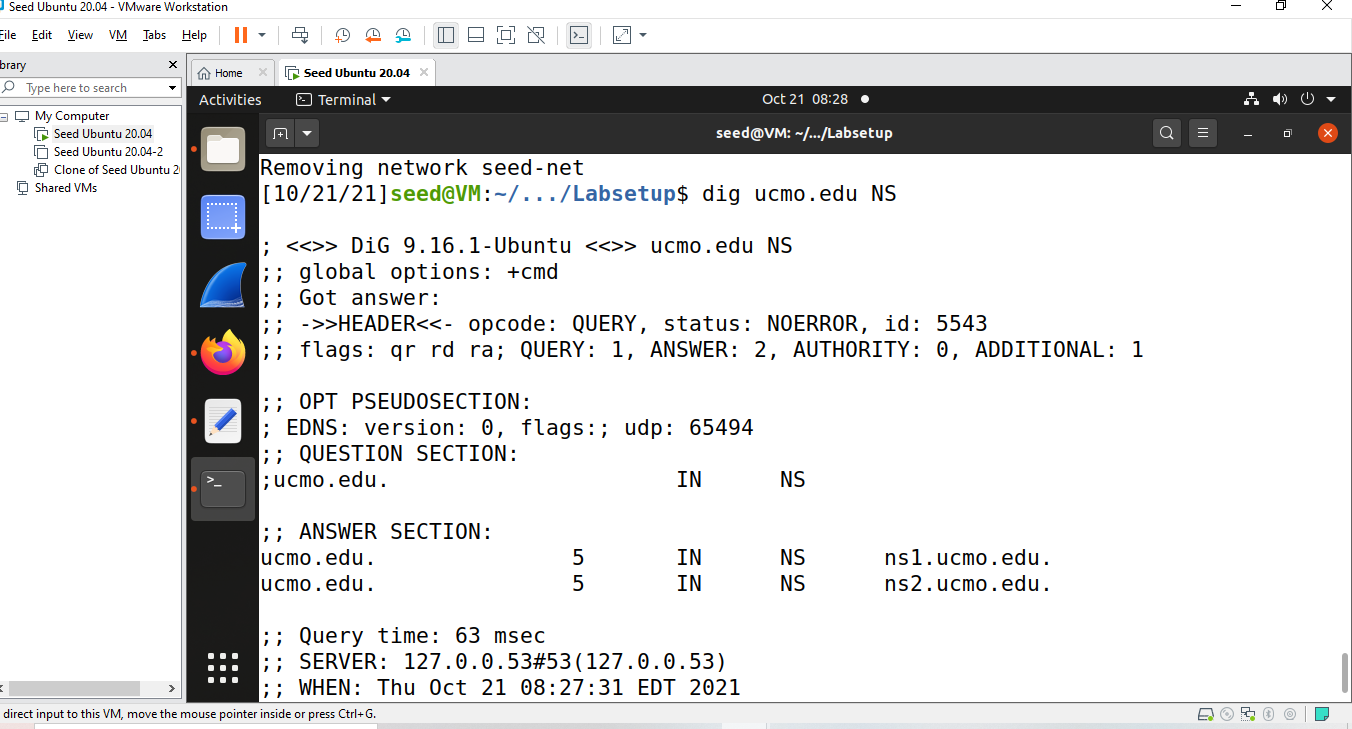
Checking with abc.example.edu

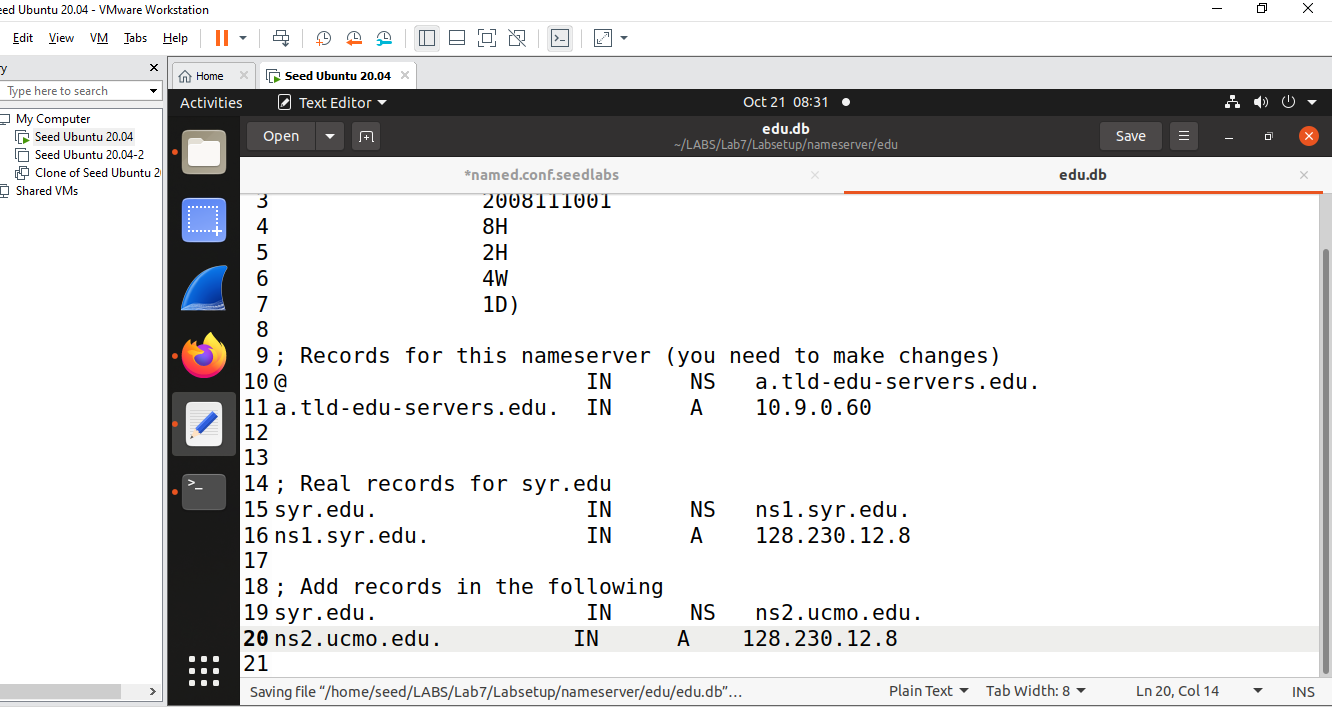


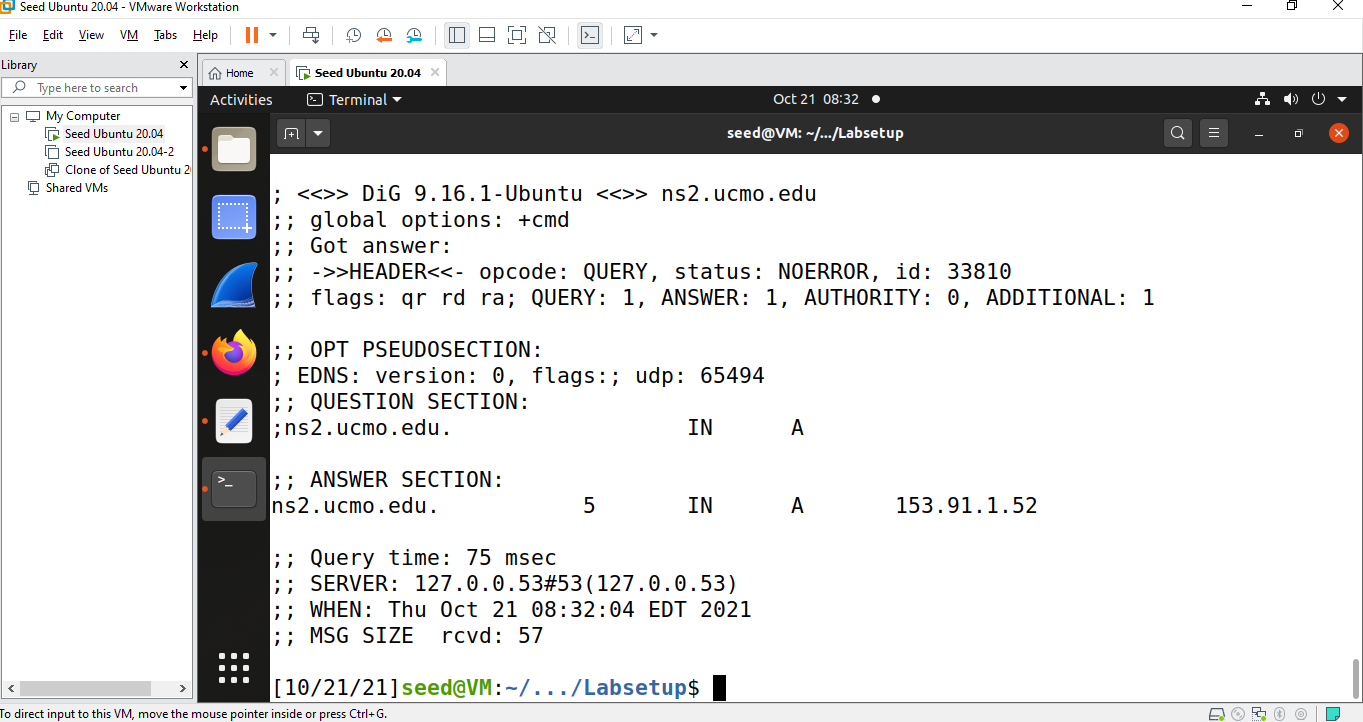
Turning off the docker

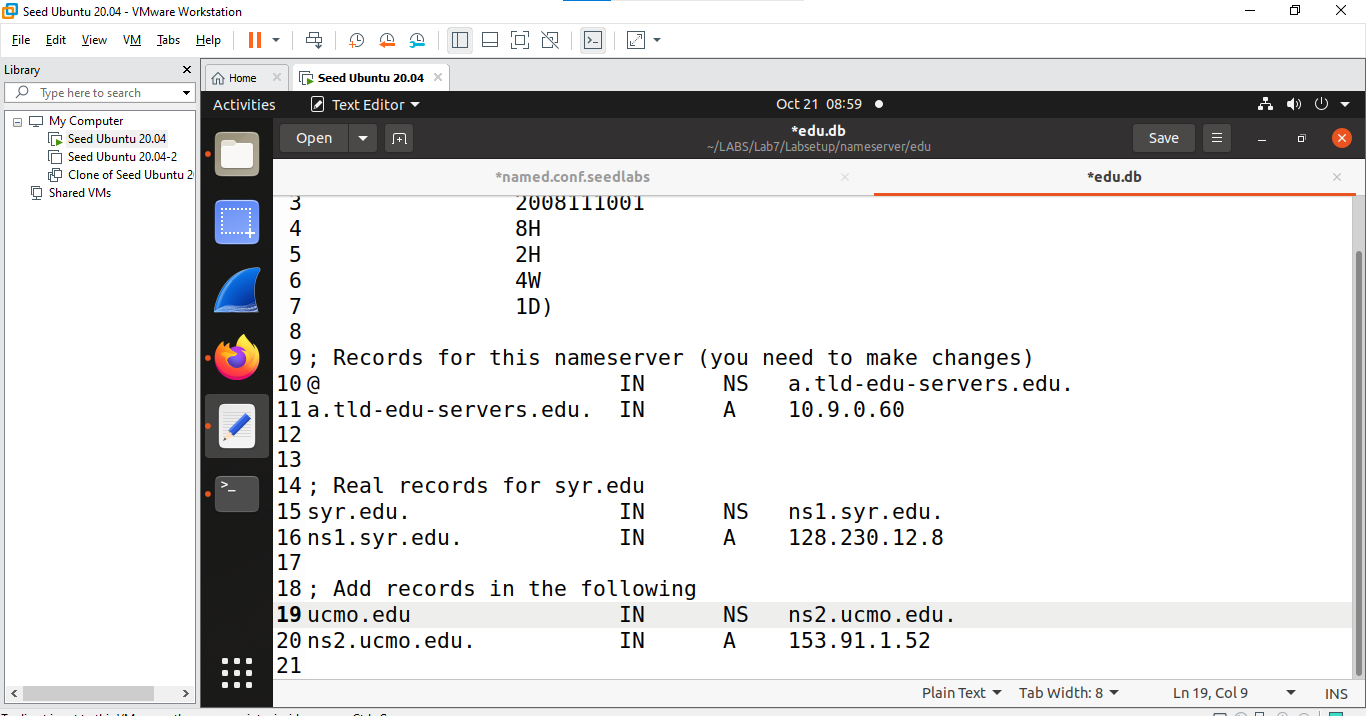


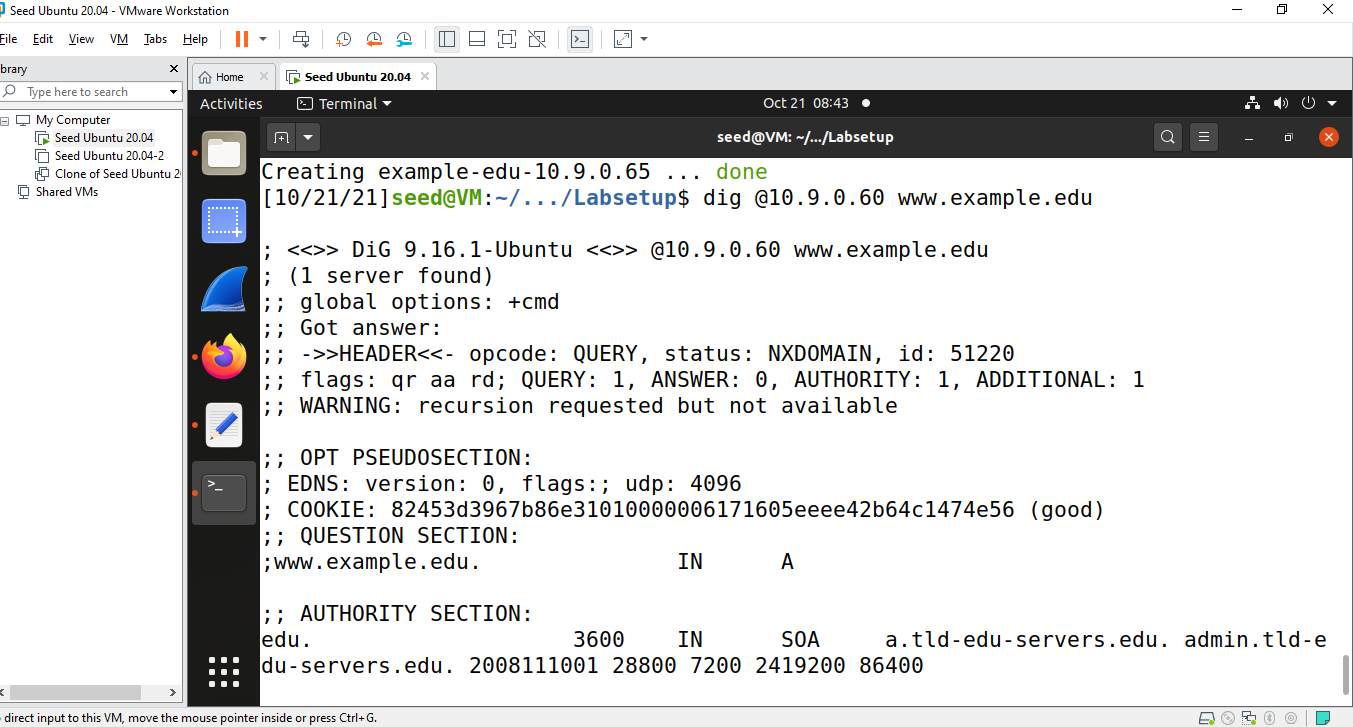


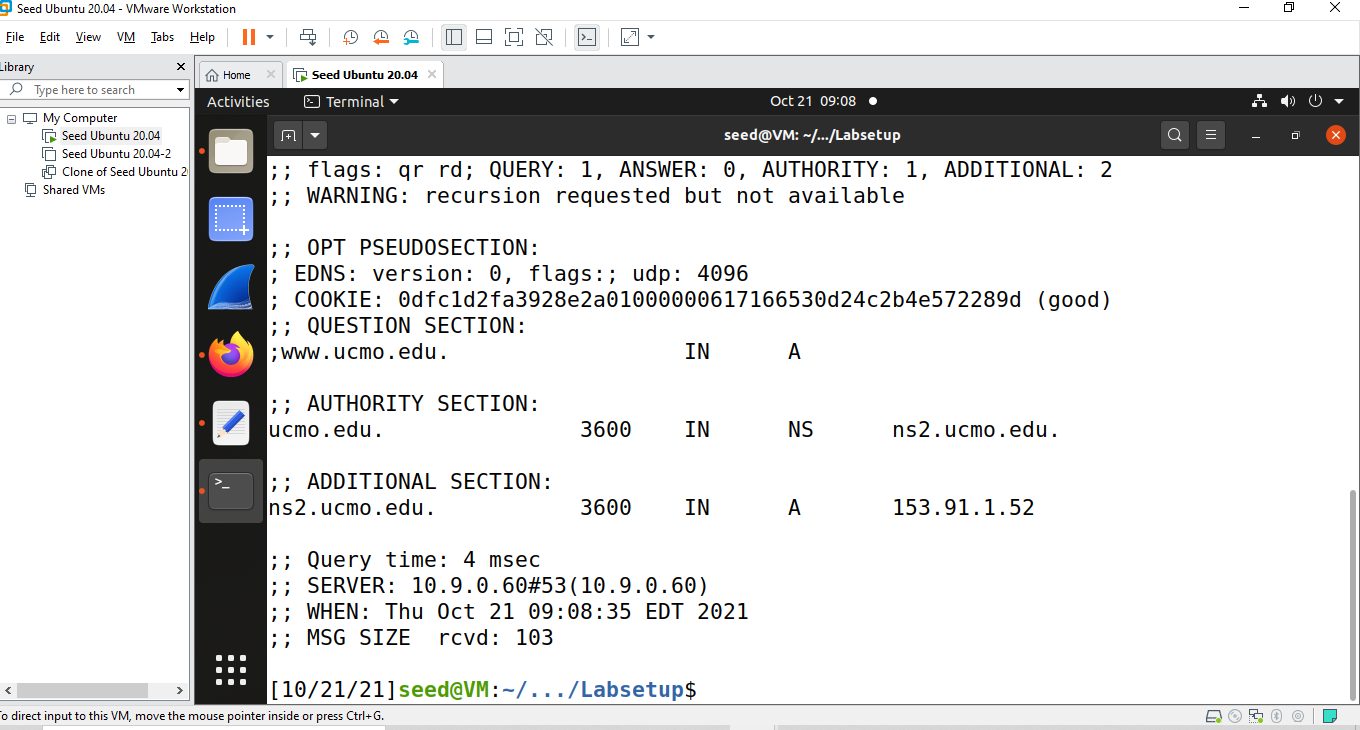




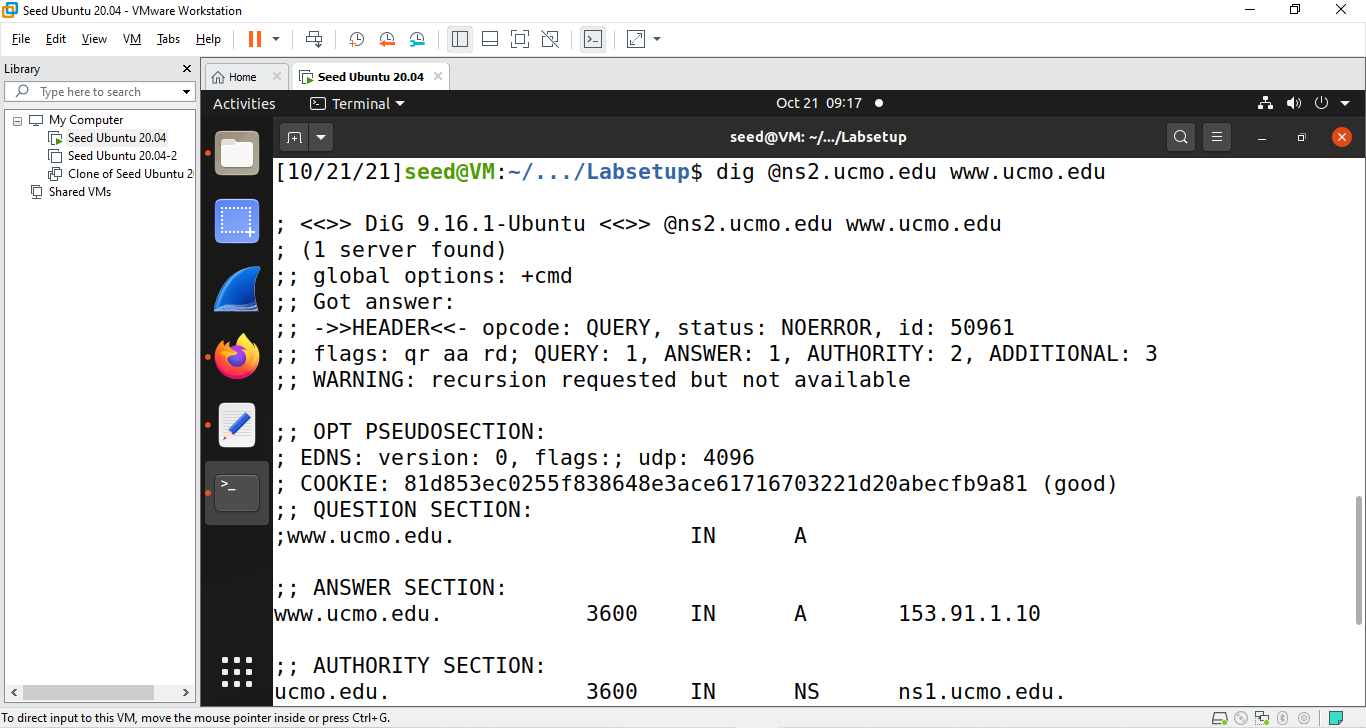


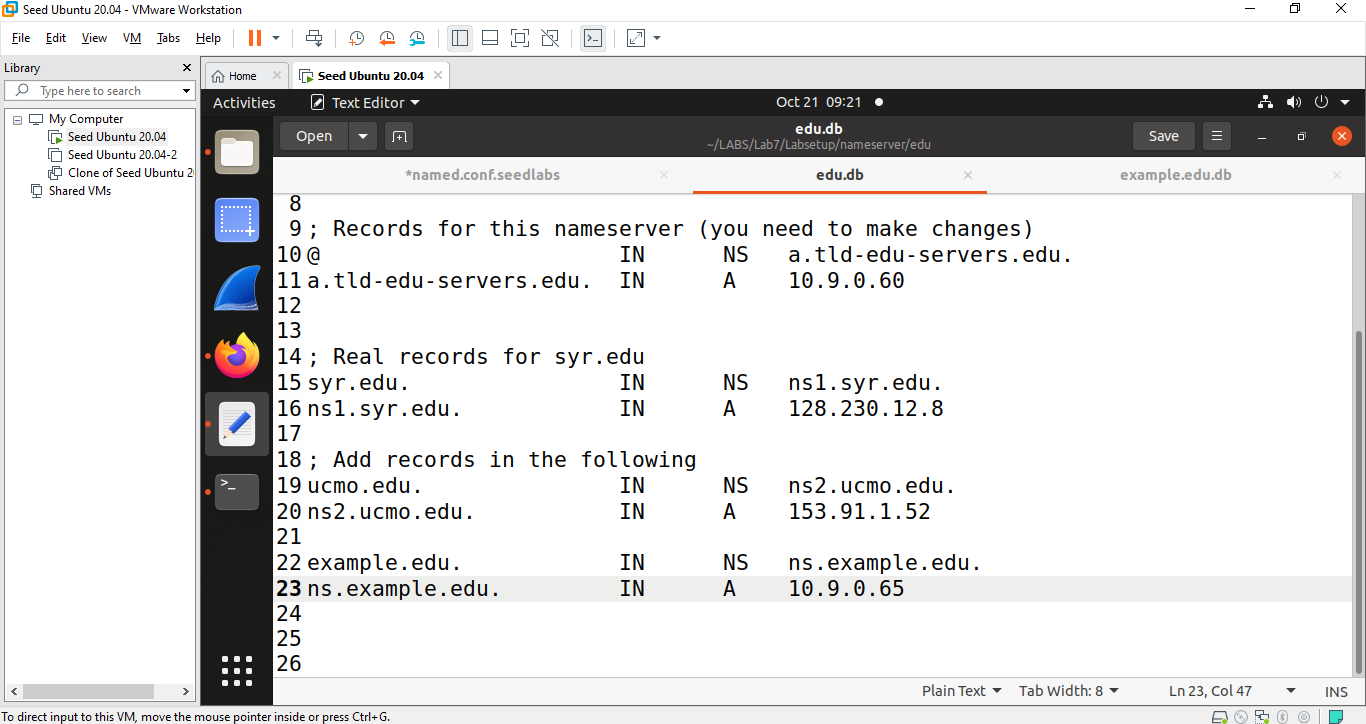




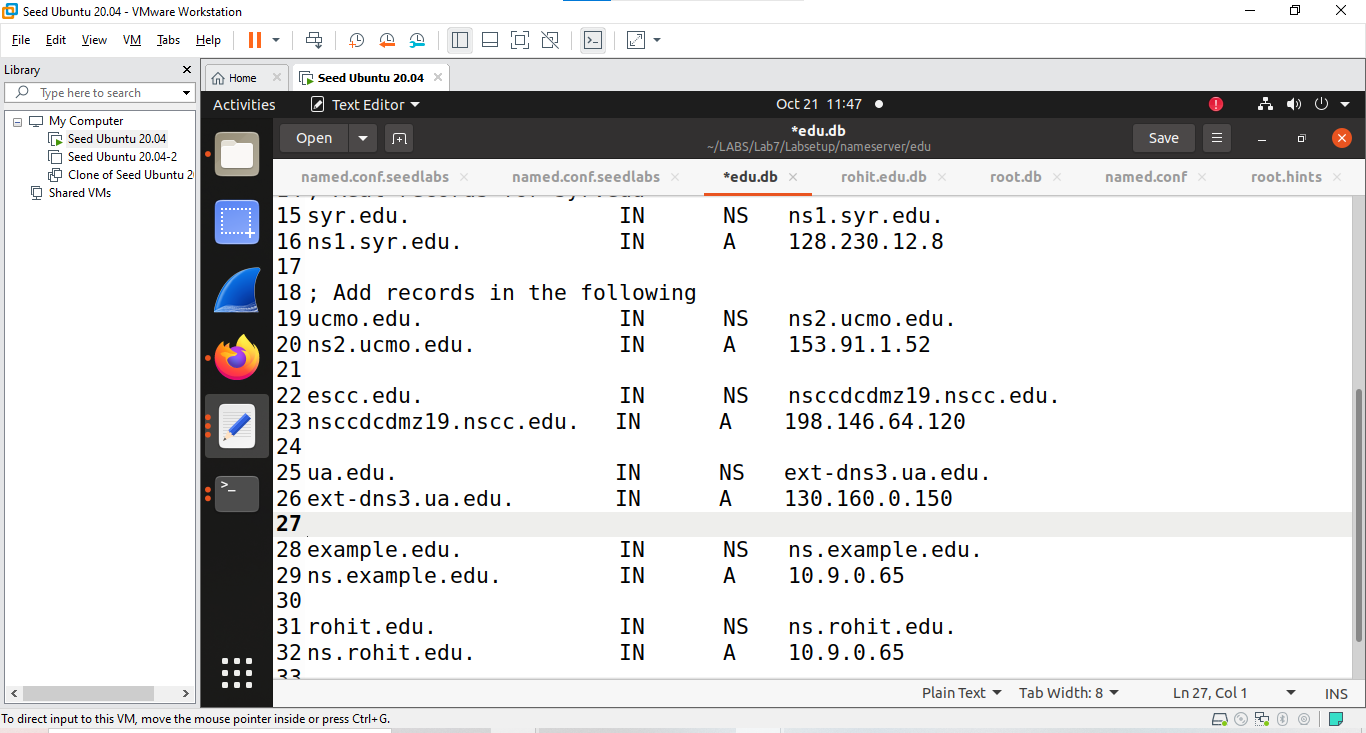


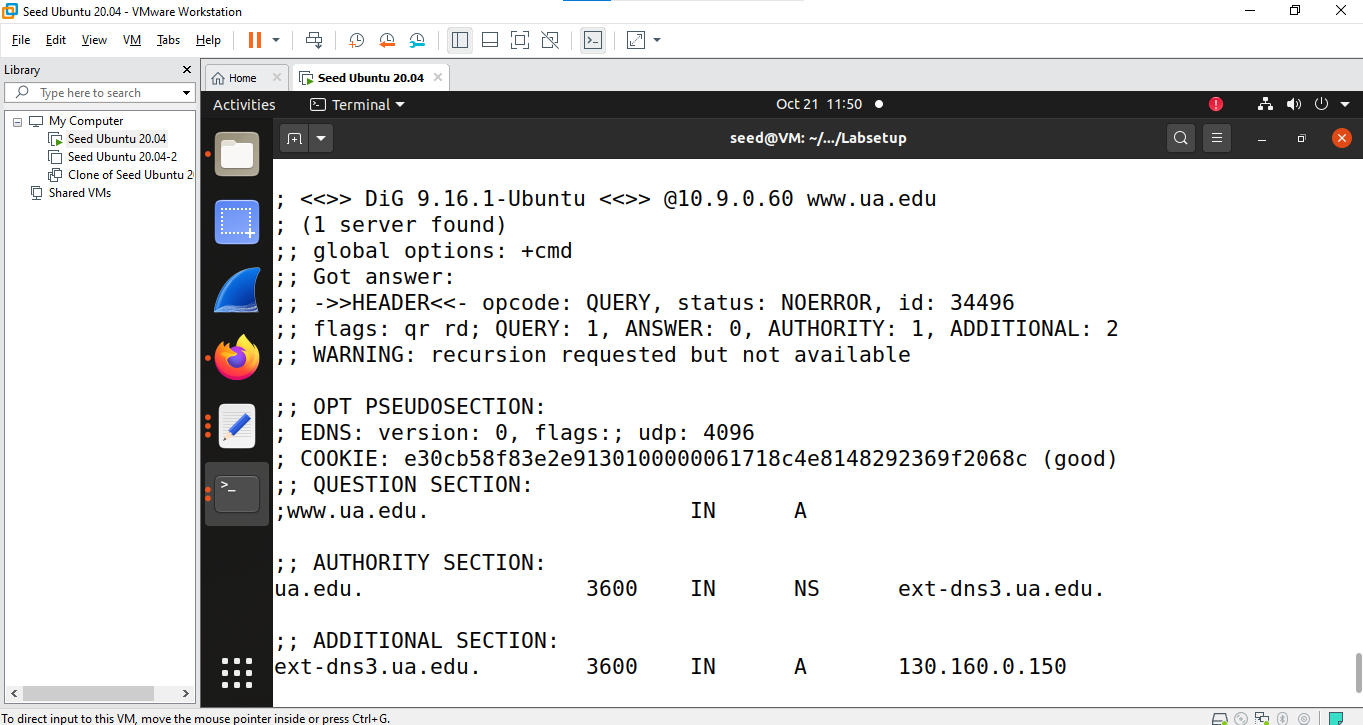


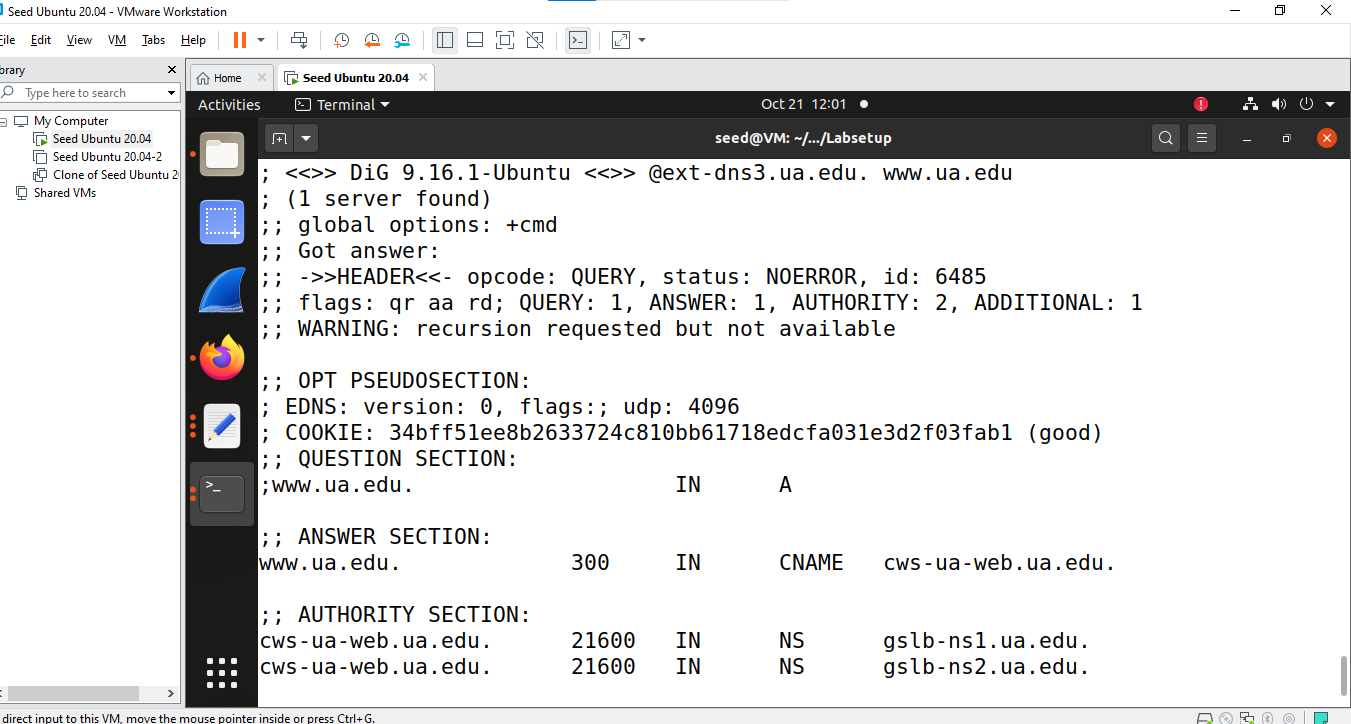




Adding two more domains to the file

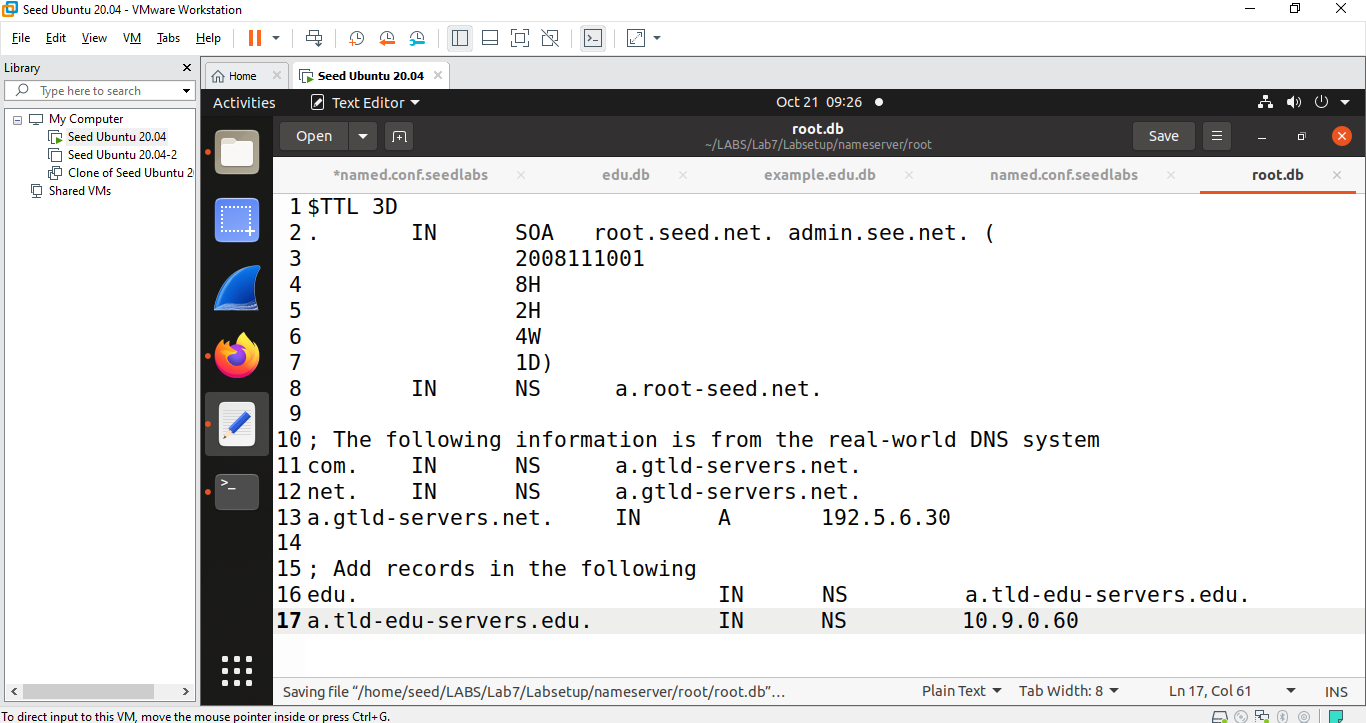


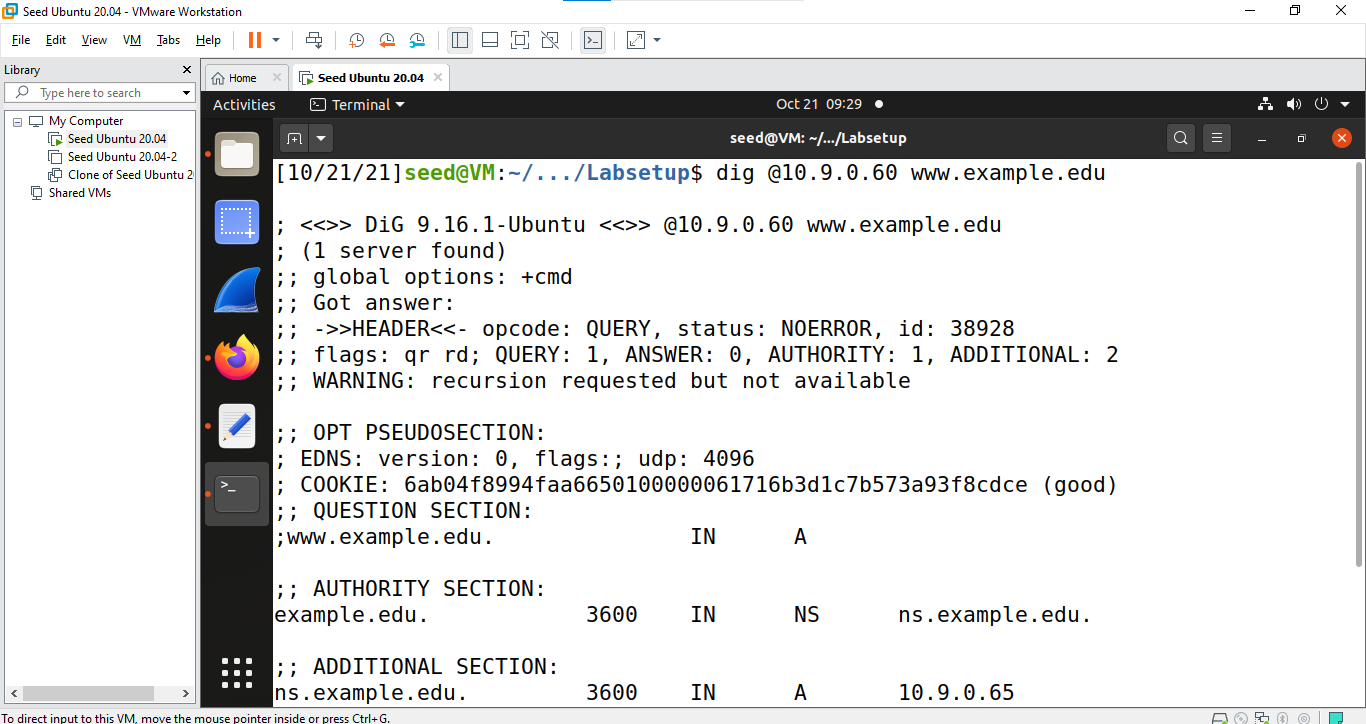
Checking for ua.edu 

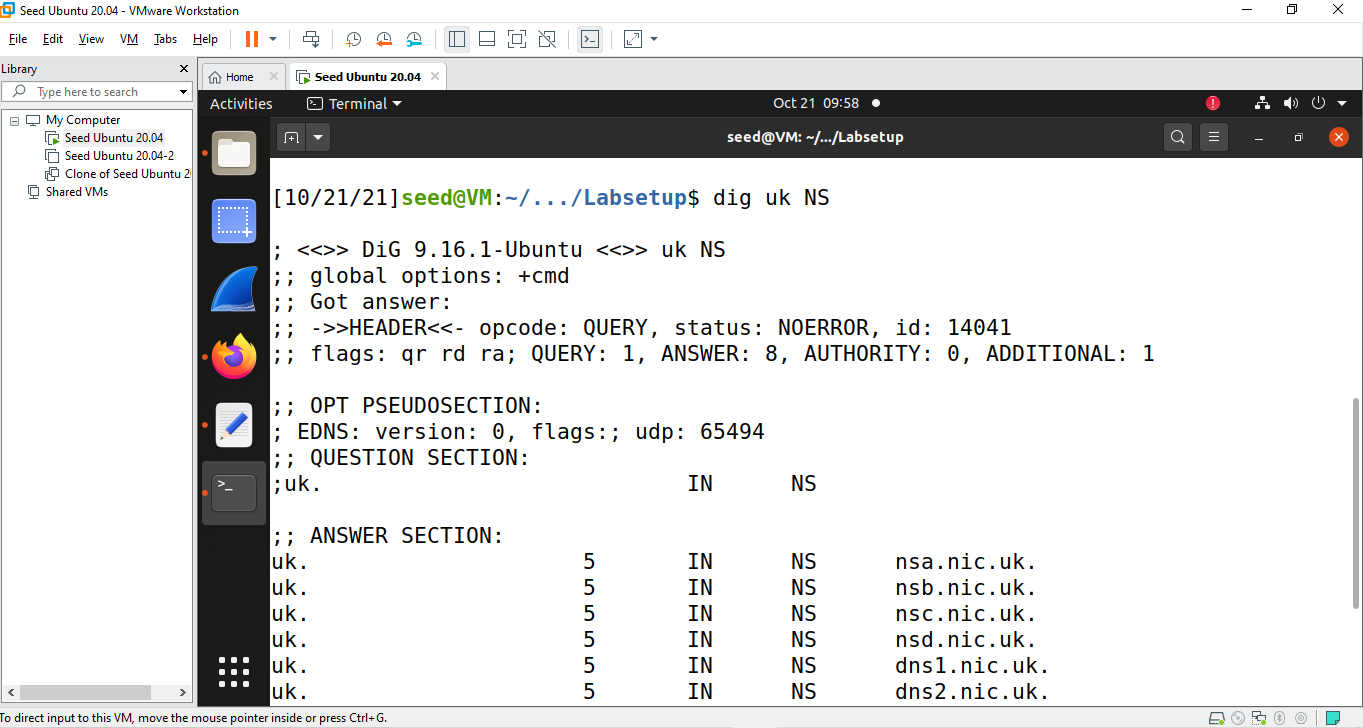


It is perfectly working

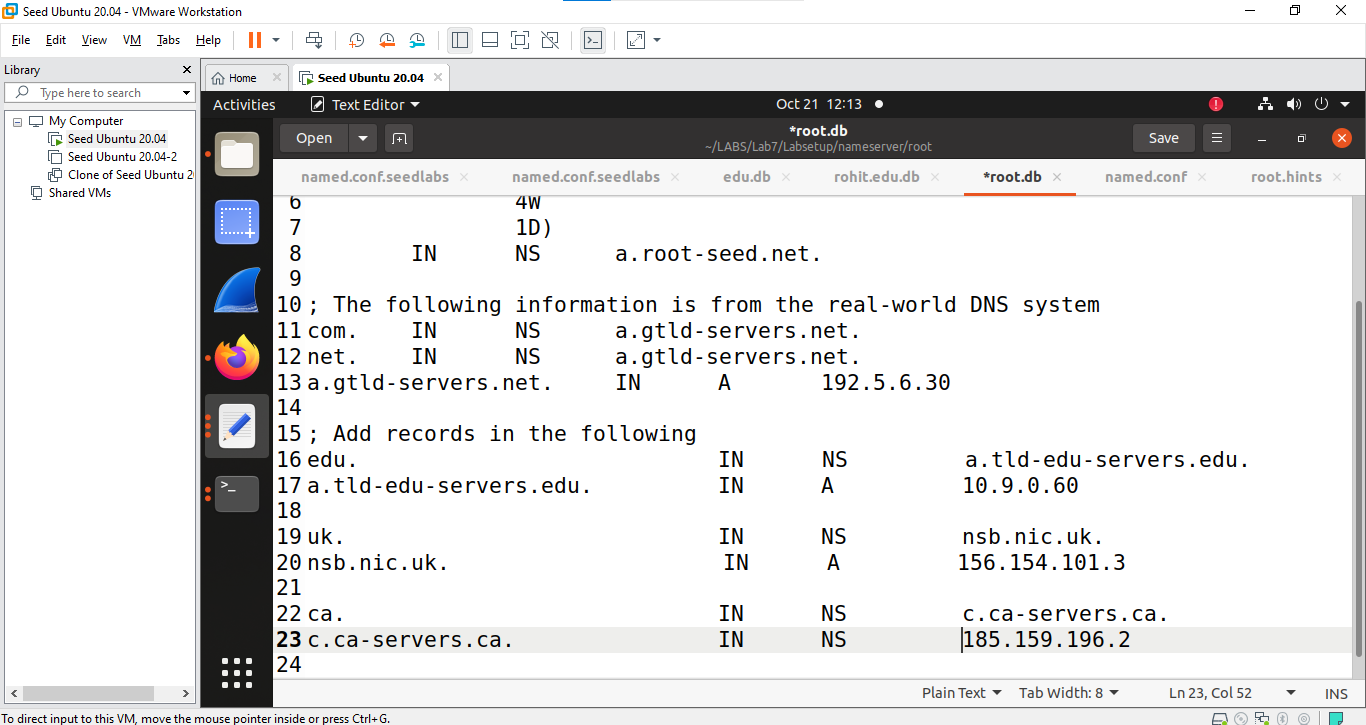
Changing in root file



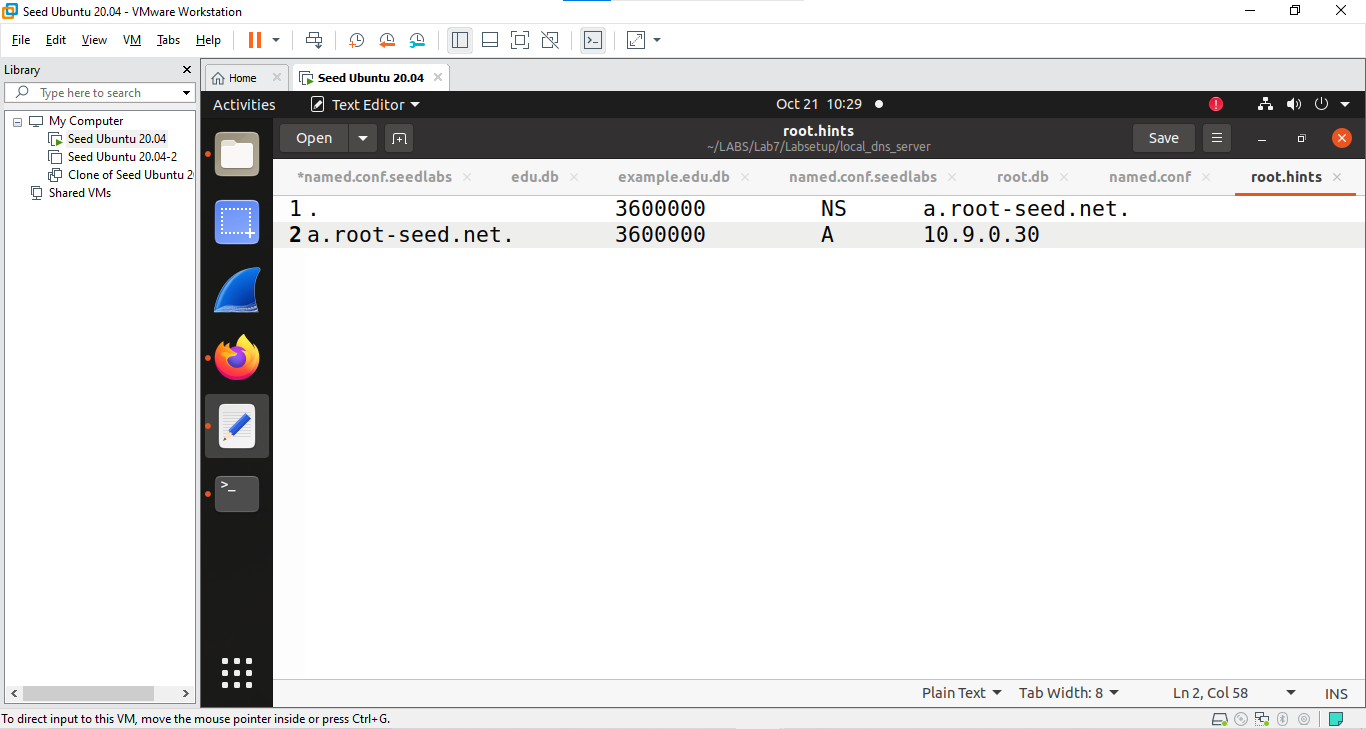


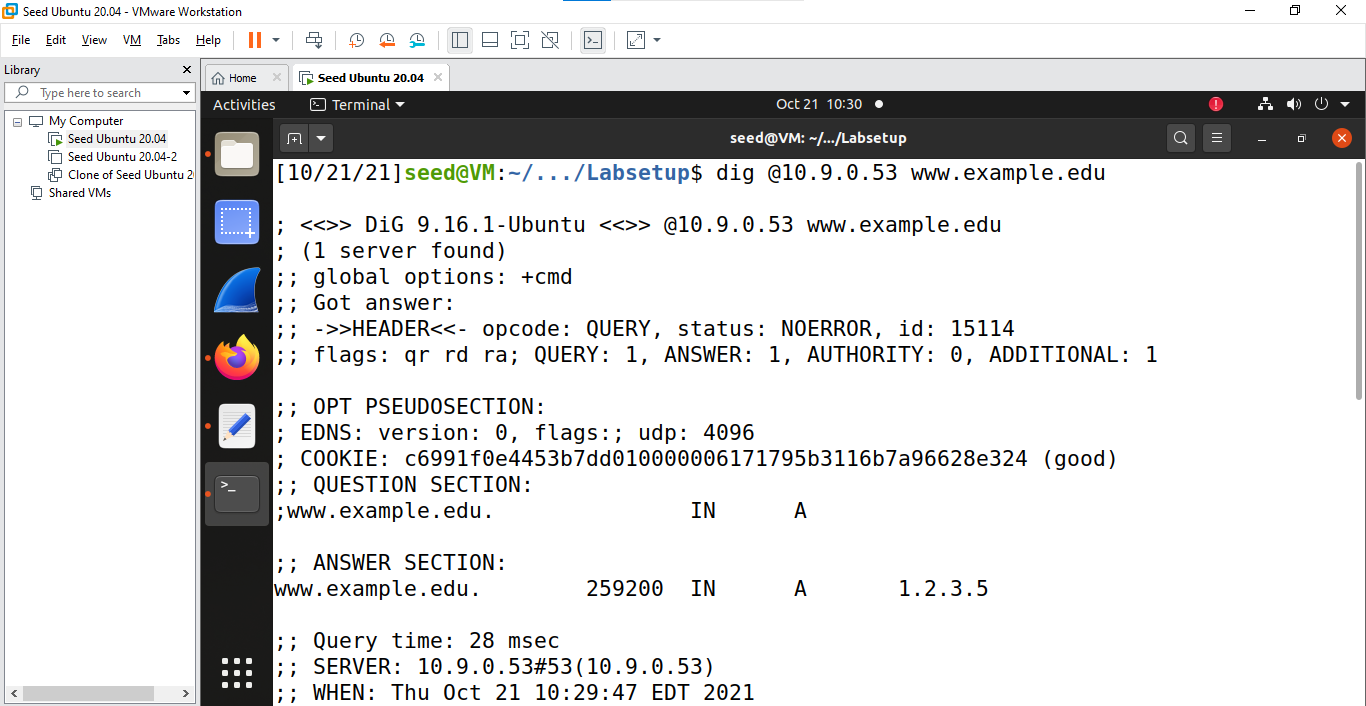


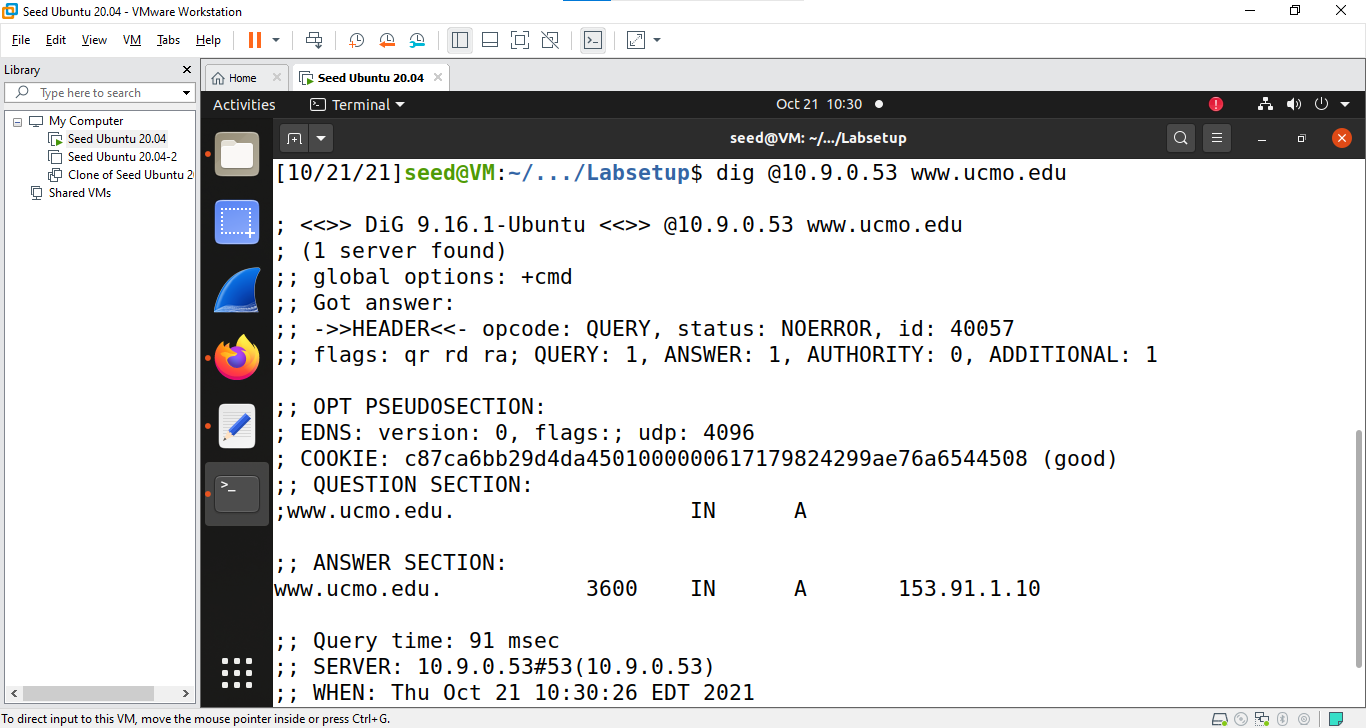
Adding Canada Server

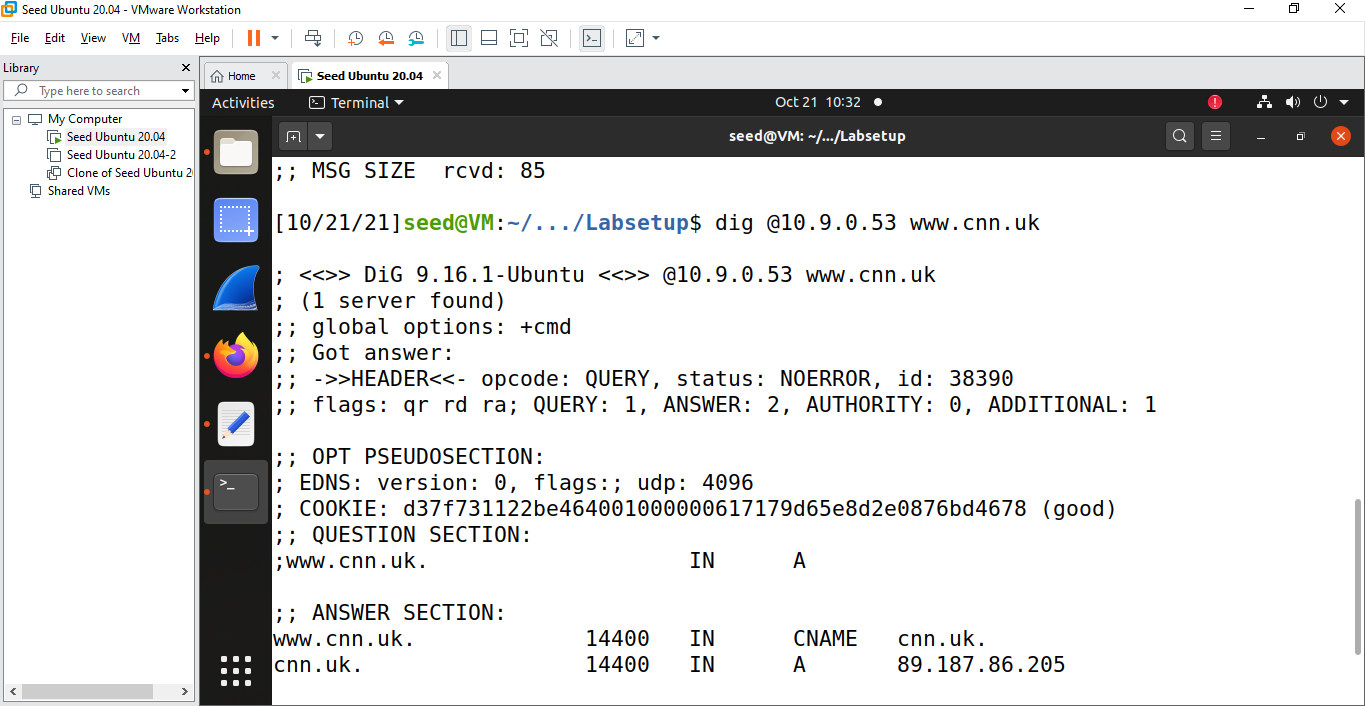


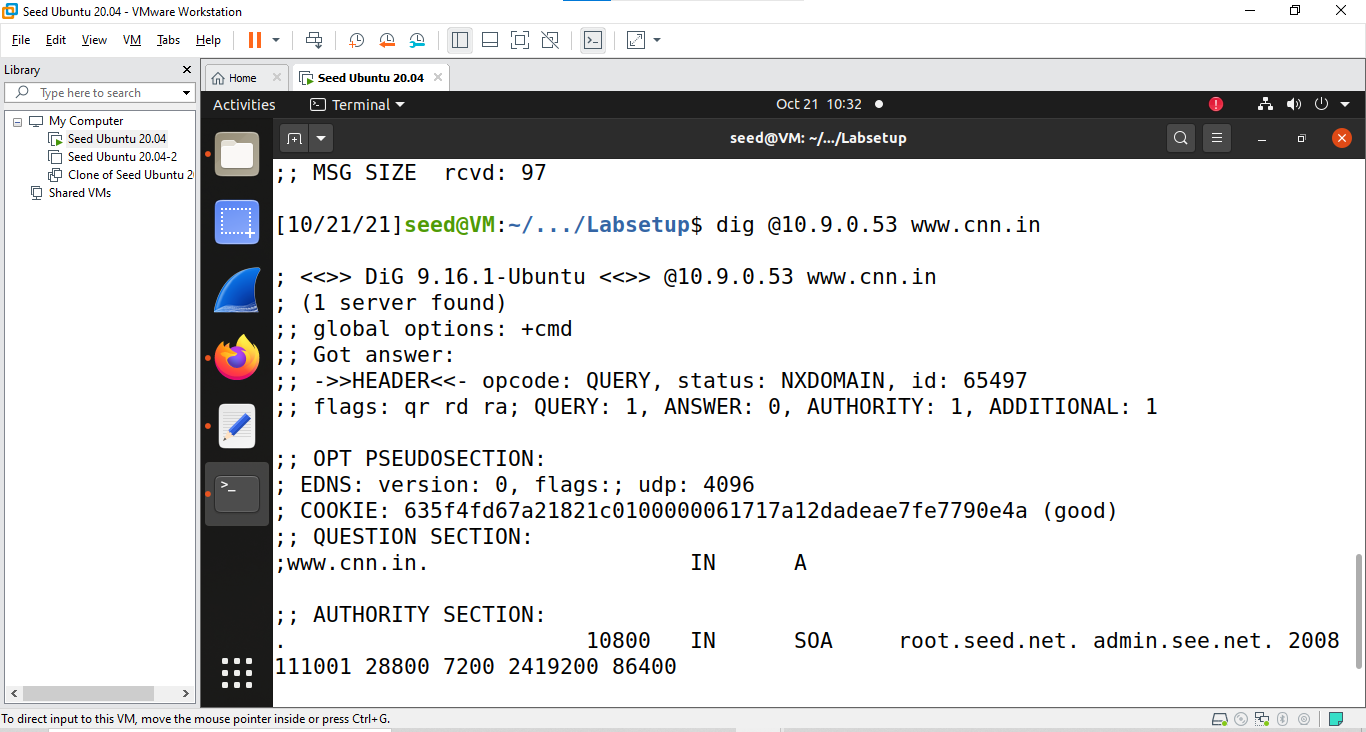
Task 5





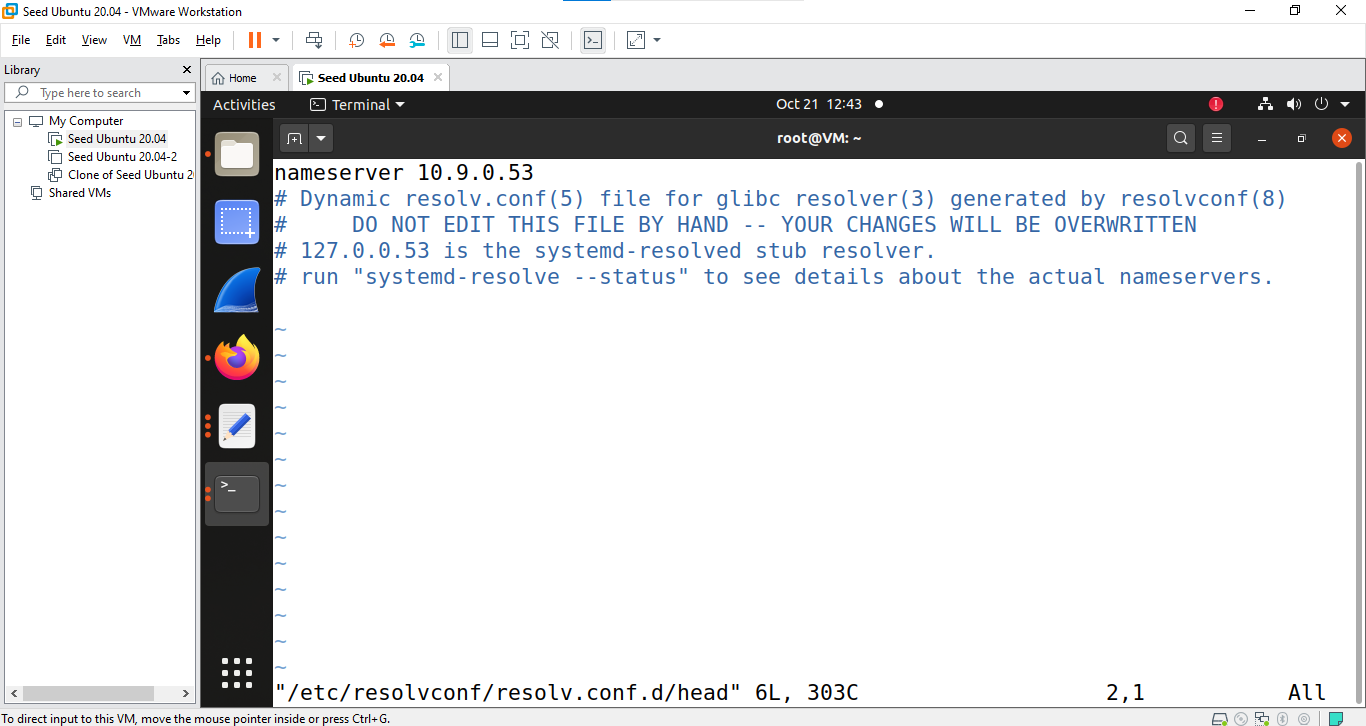




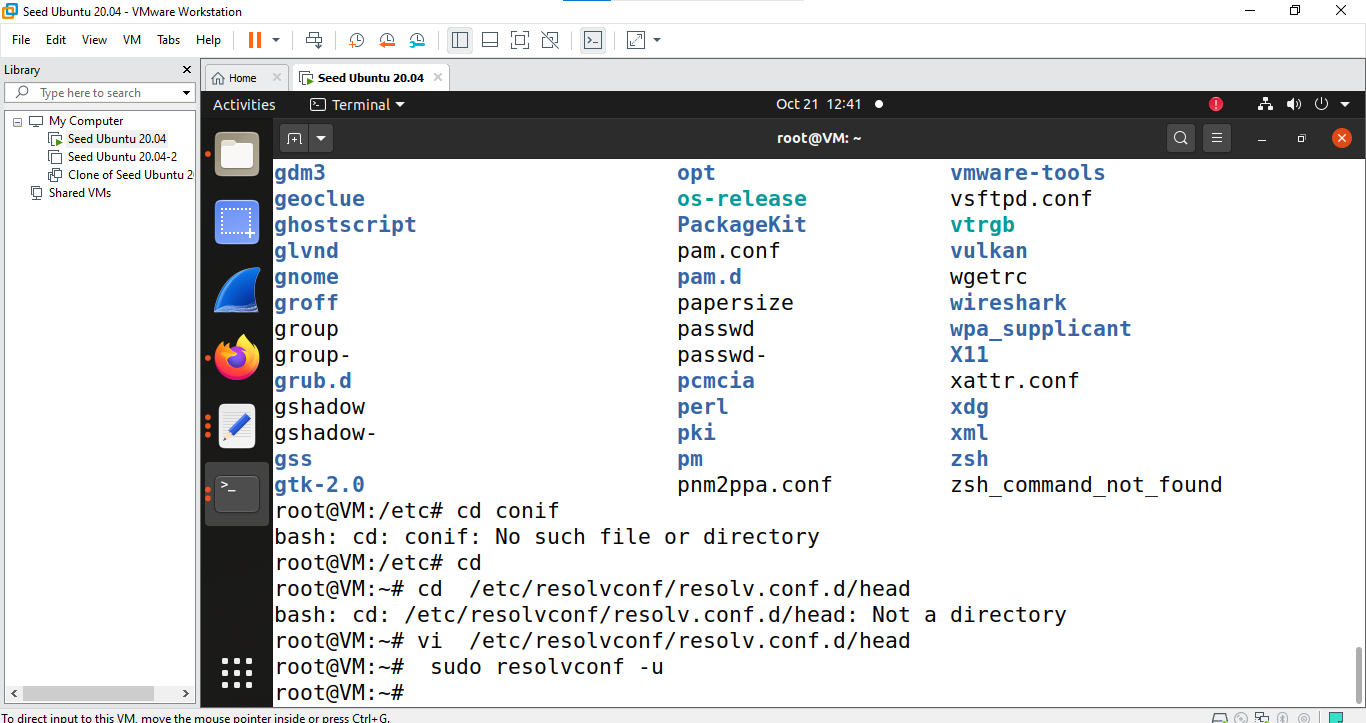


Task 6

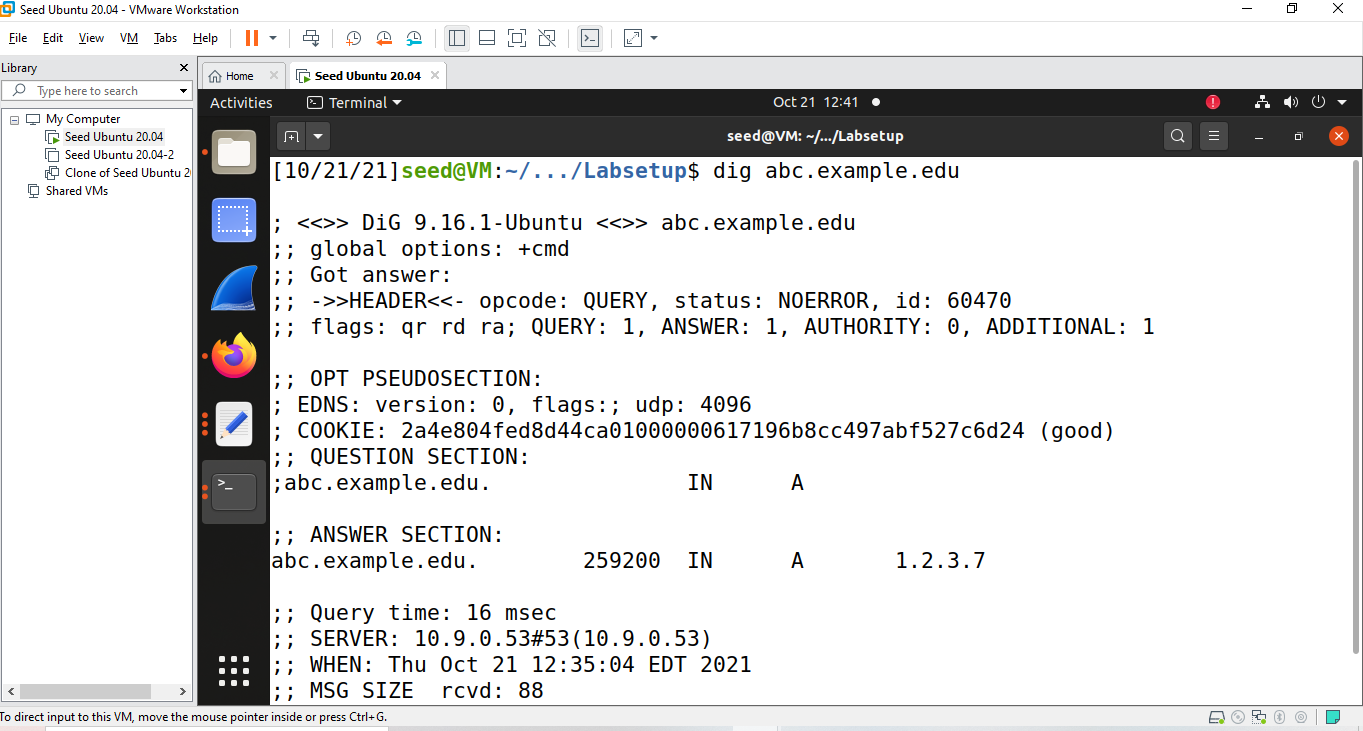
Task 6: Configure our VM to use this local DNS server

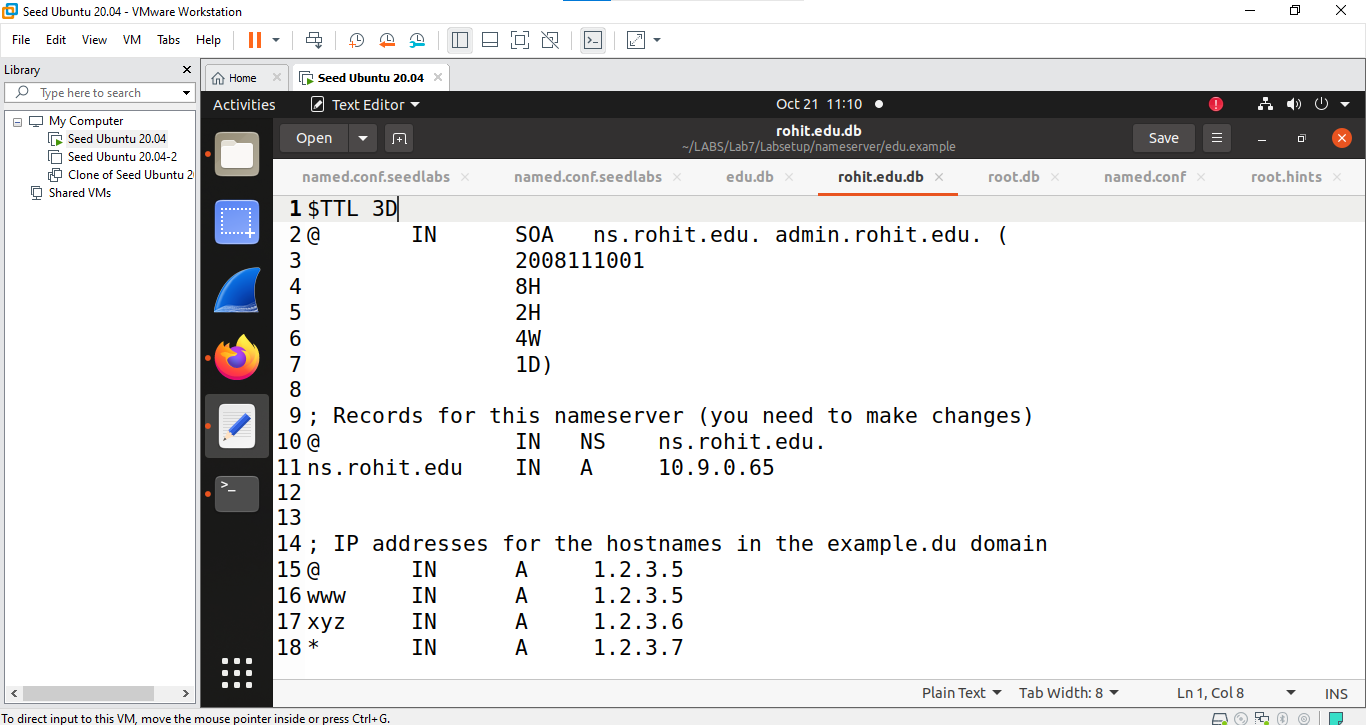


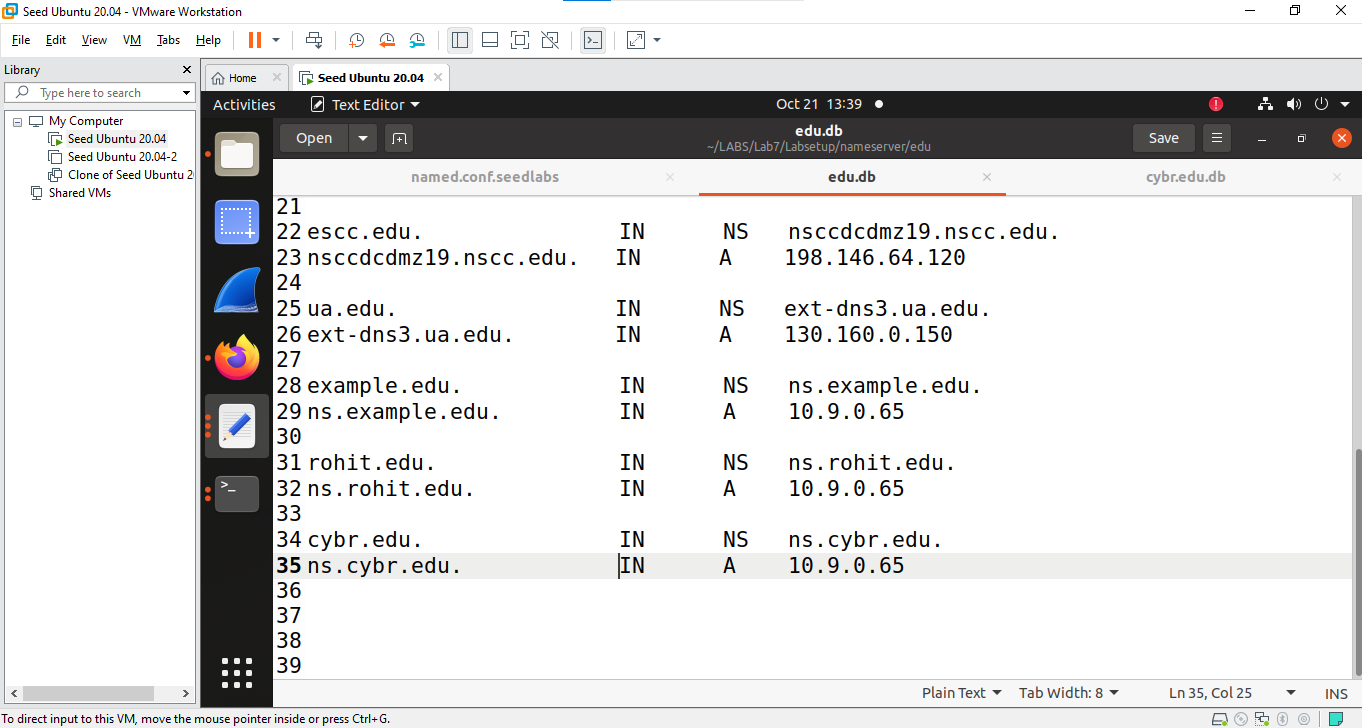
Executing resolvconf -u

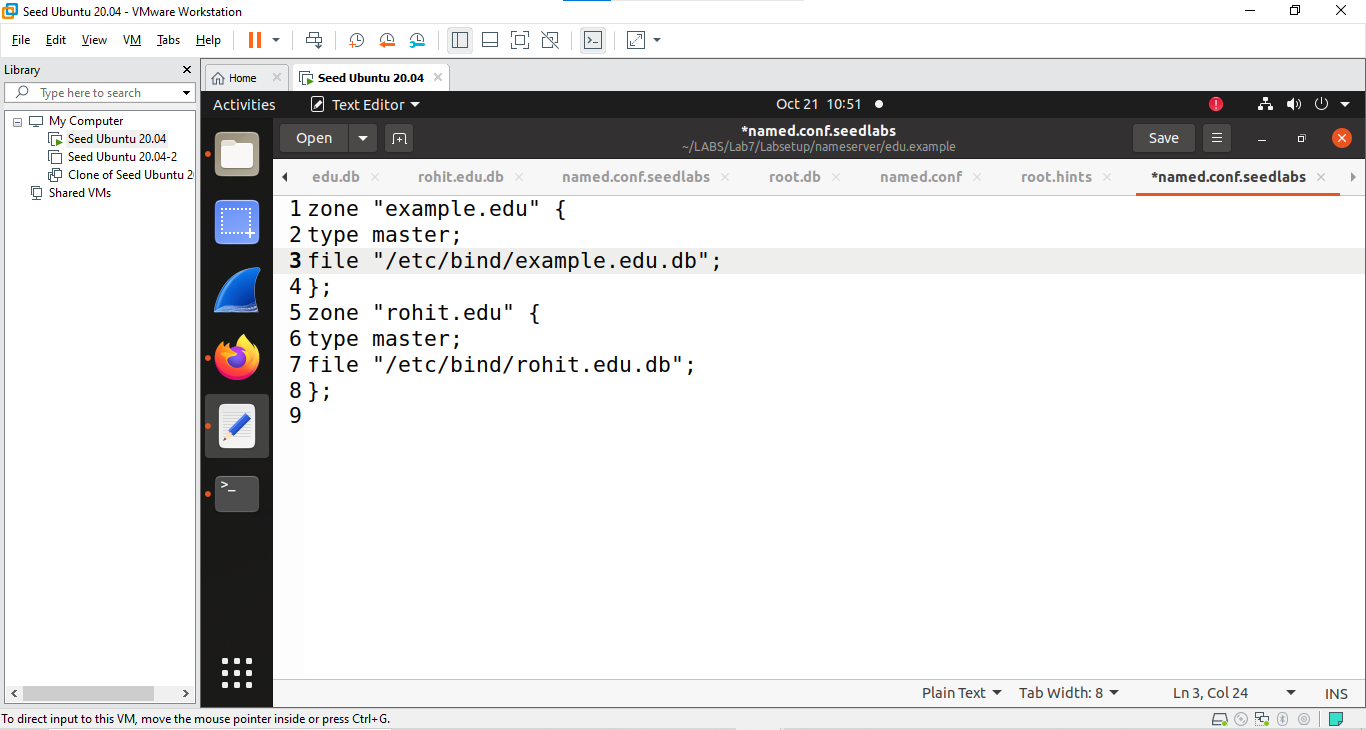


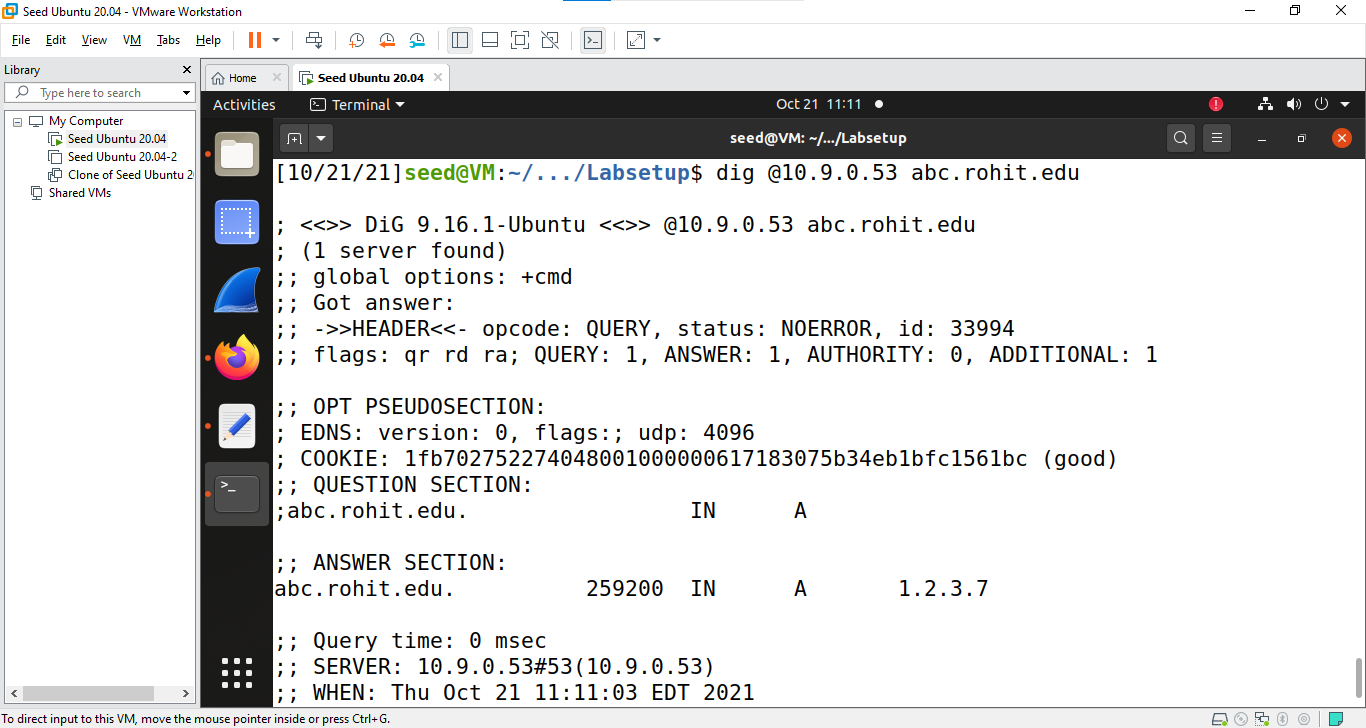
Successfully removed the ip address and checked using dig



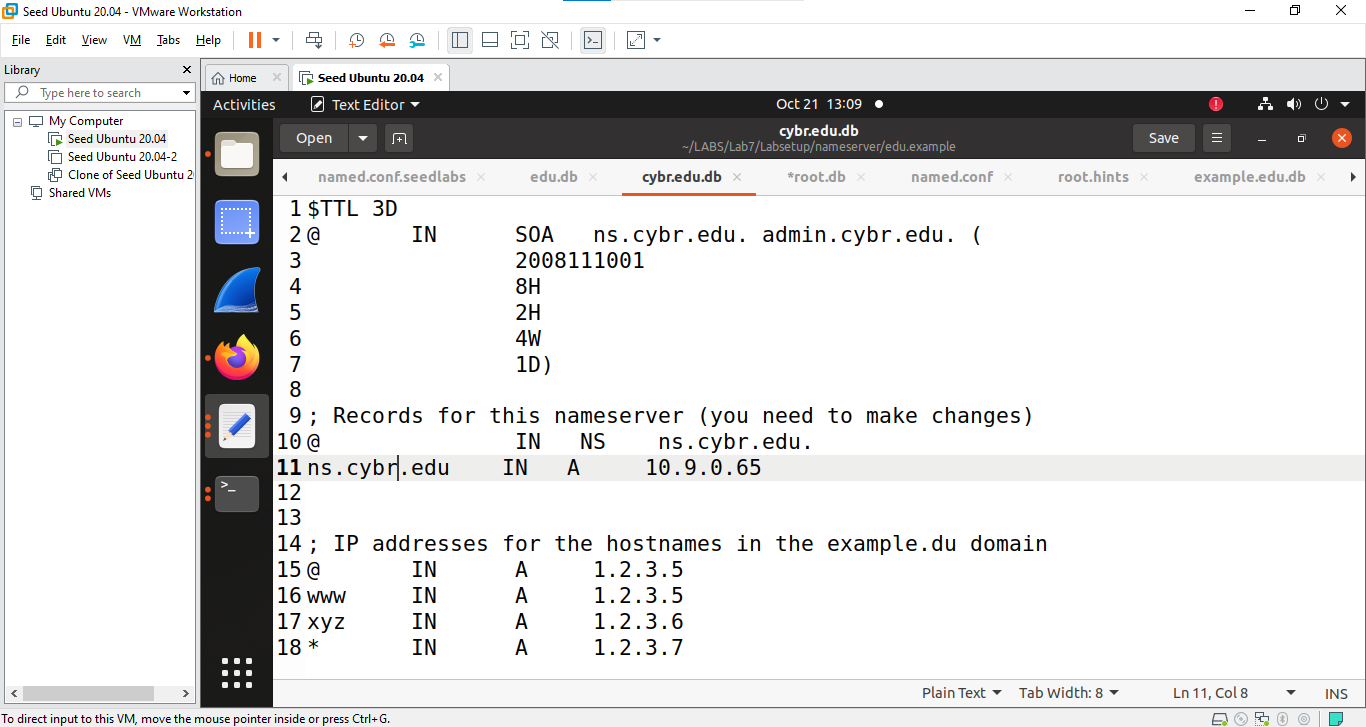
Task 7: Making It More Realistic





Successfully zone is created on my name

Creating one more zone





Succeffully checked with another zone too