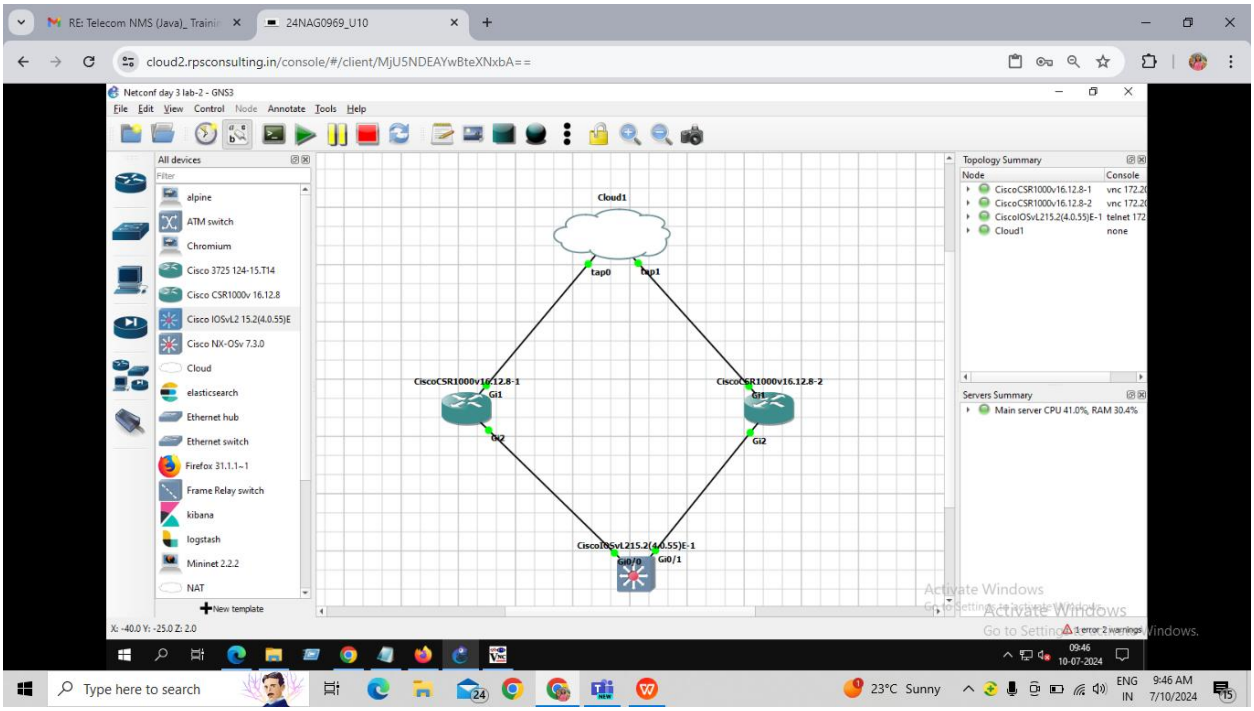
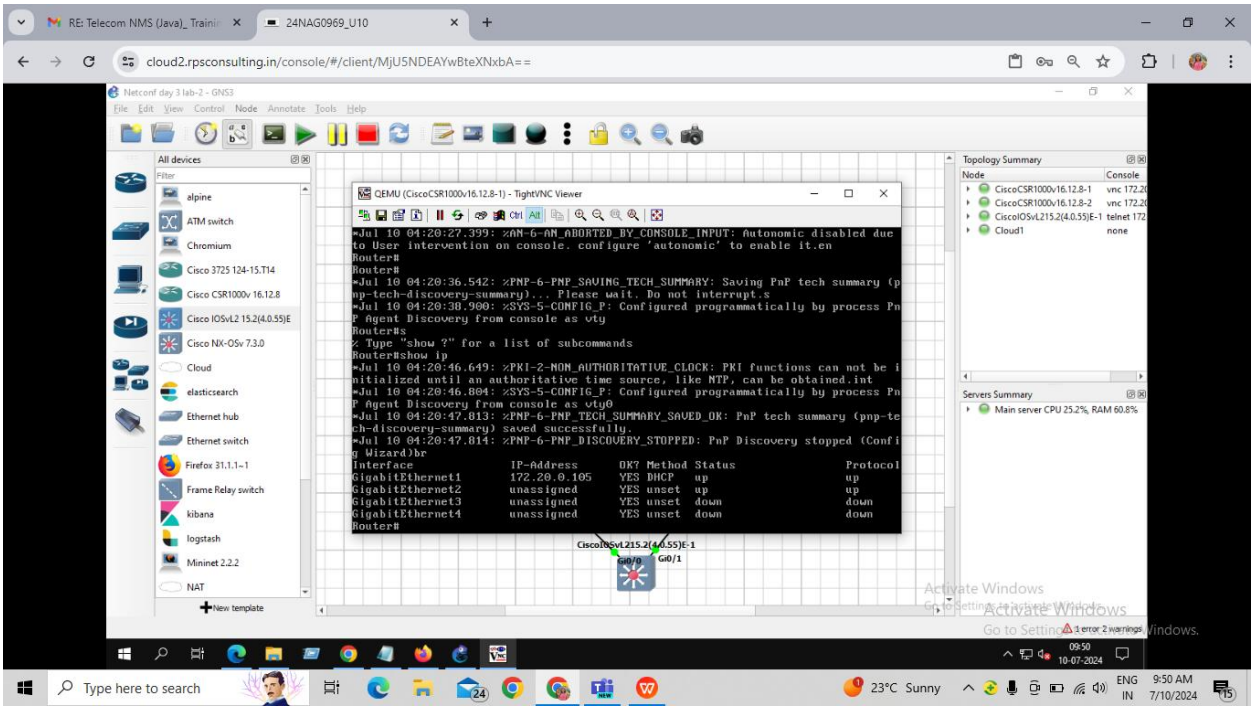
NETCONF AND RESTCONF

Topology:

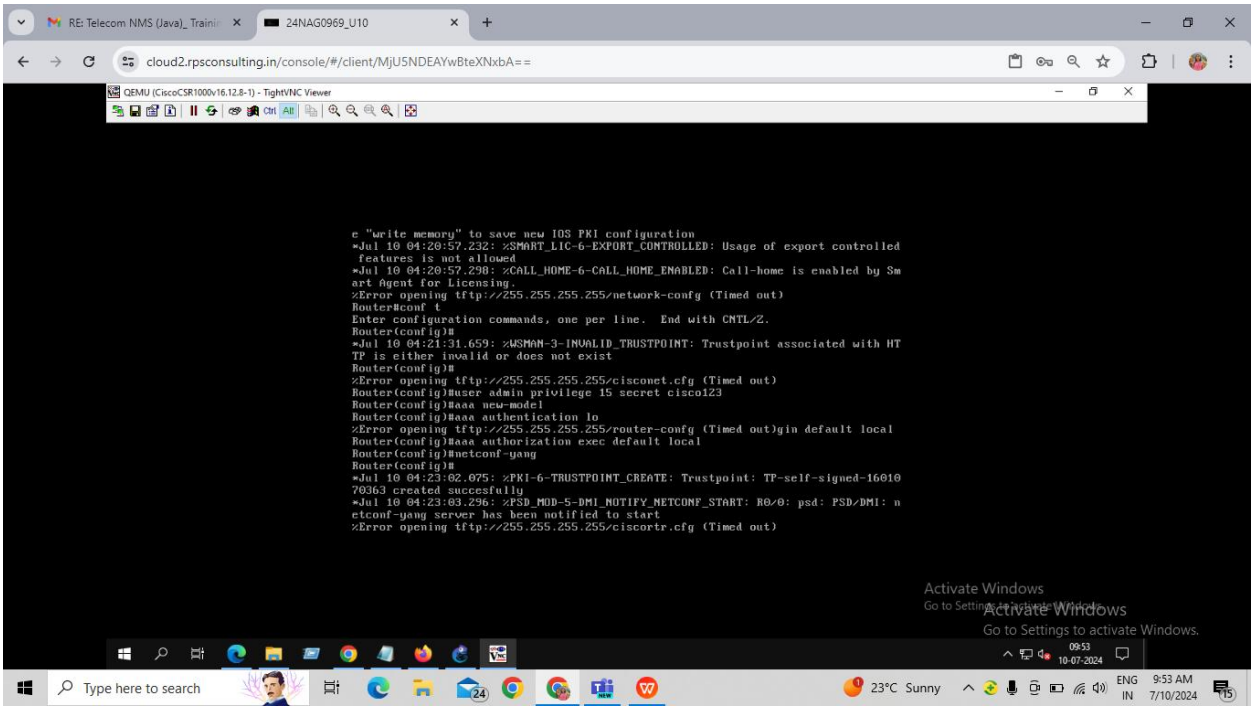


DHCP will allocate the IP address to the Router

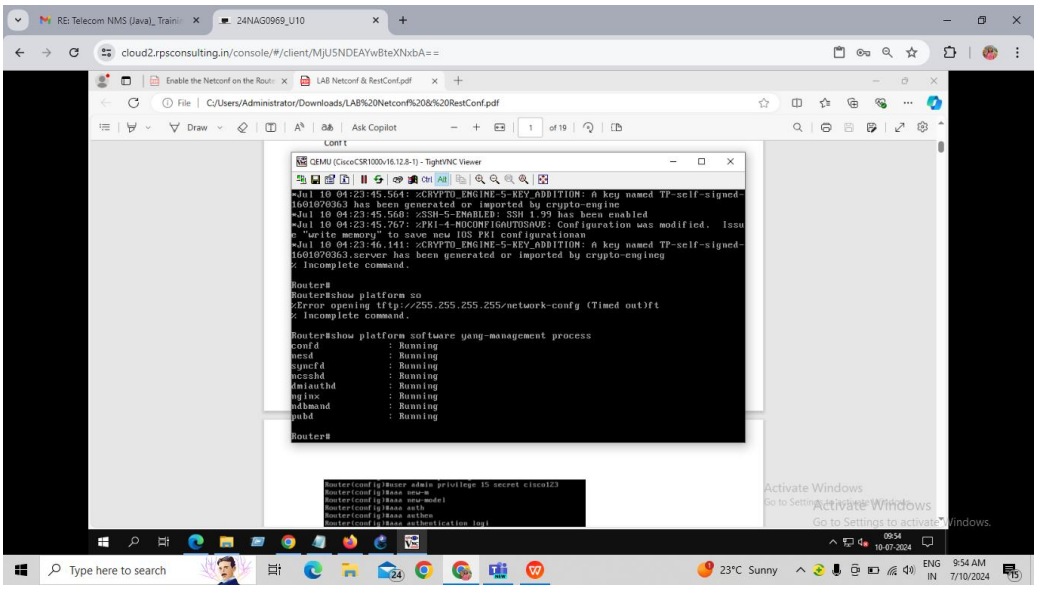


Go to Config Mode:

Conf t
user admin privilege 15 secret cisco123
aaa new-model
aaa authentication login default local
aaa authorization exec default local
Netconf-yang

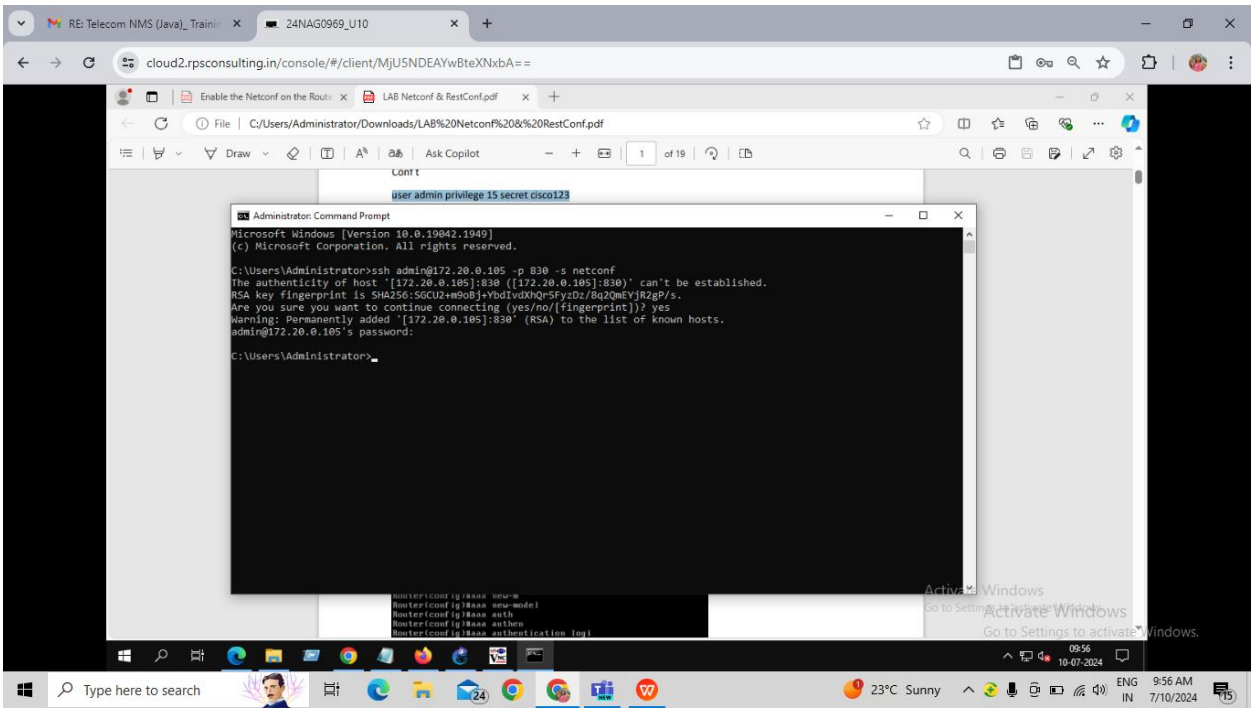


Show platform software yang-management process

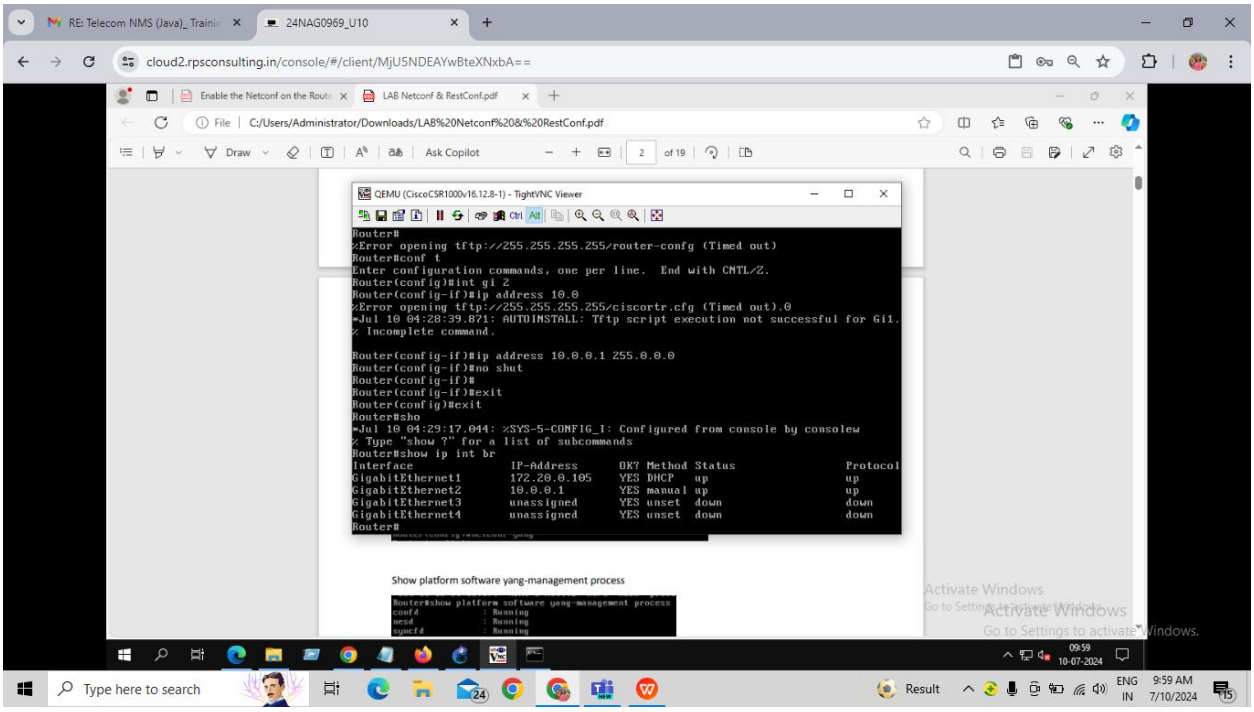


Go to Command prompt and check the yang connectivity

Ssh admin@IP -p 830 –s netconf -- connect via cmd prompt

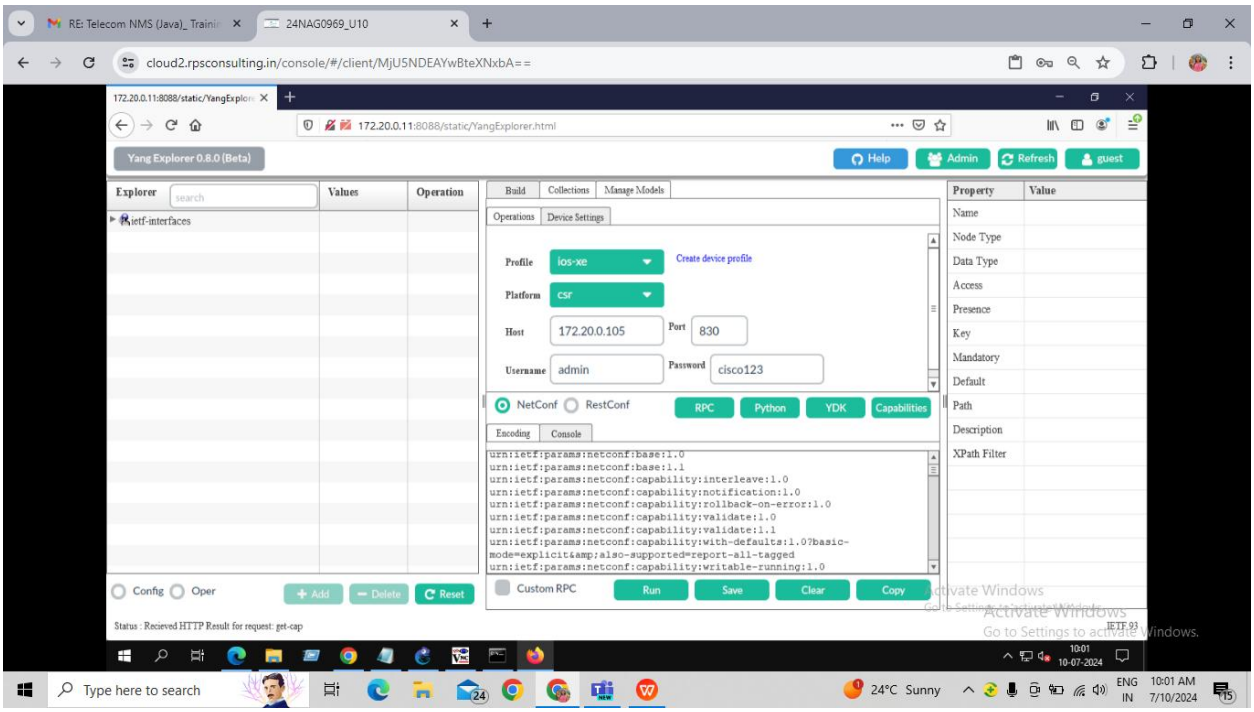


Add the additional Gi2 interface to router and assign the IP 10.0.0.1

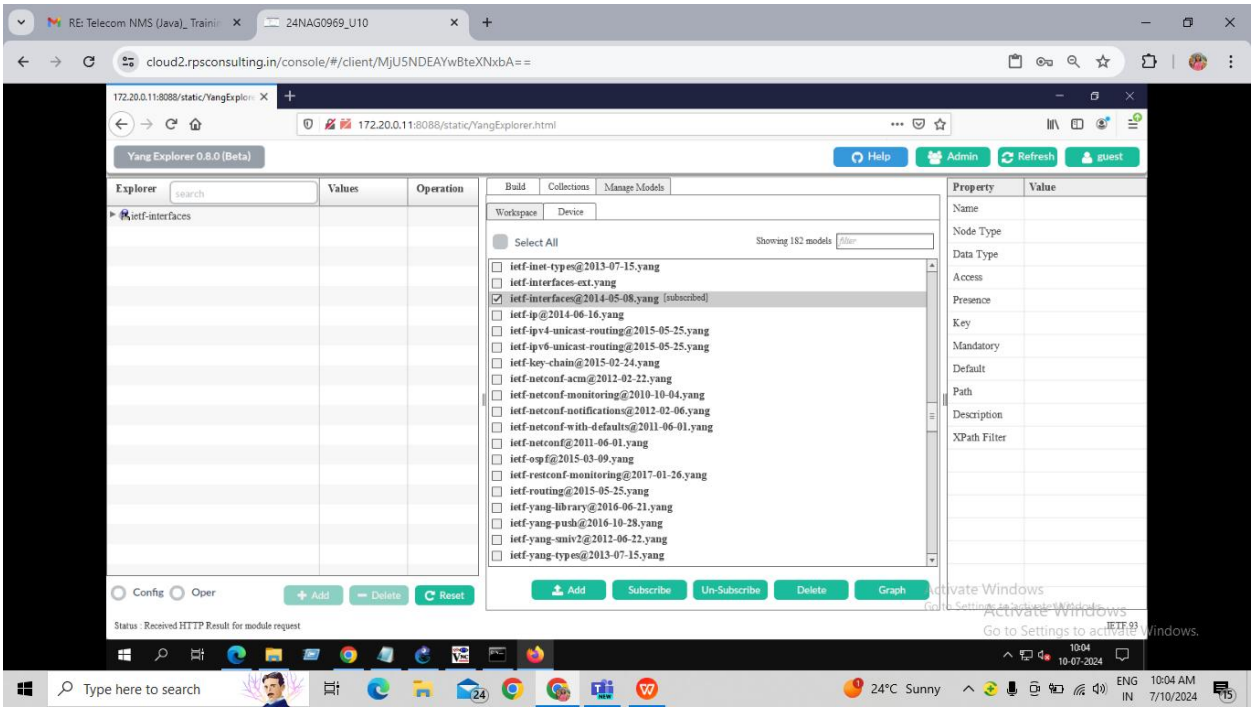


Login to YANG Explorer:

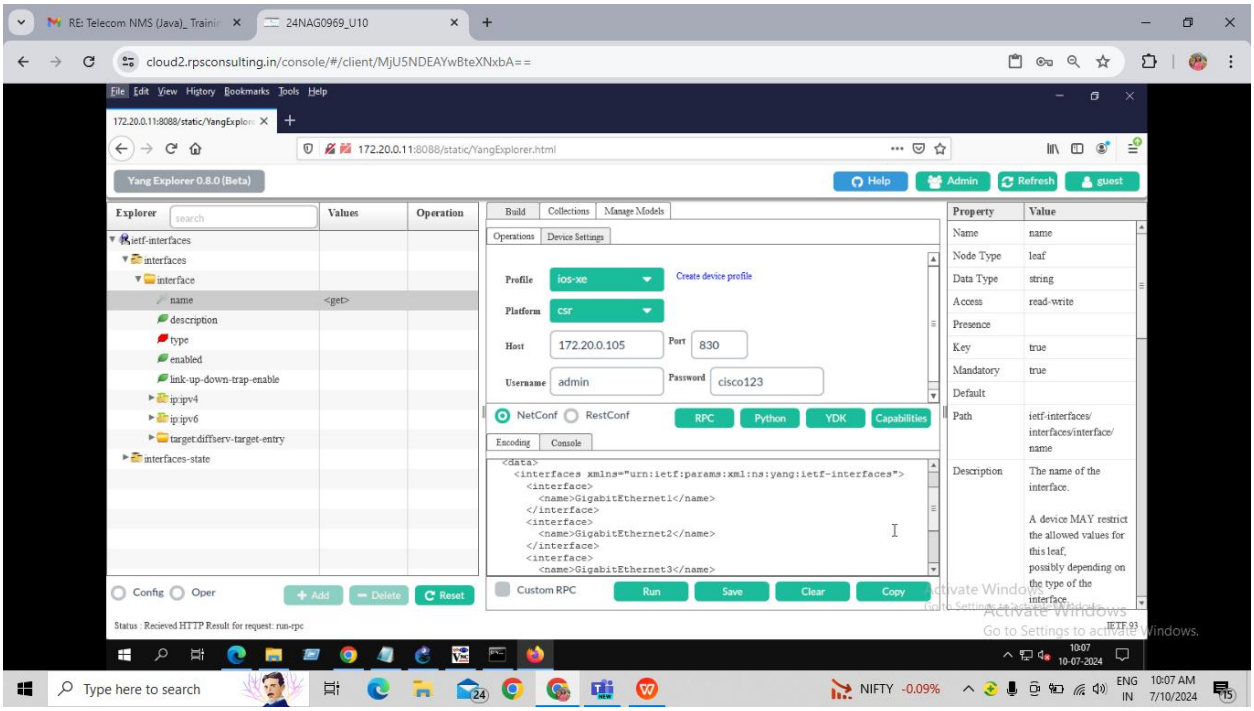
Click on capability, router will exchange the capability.



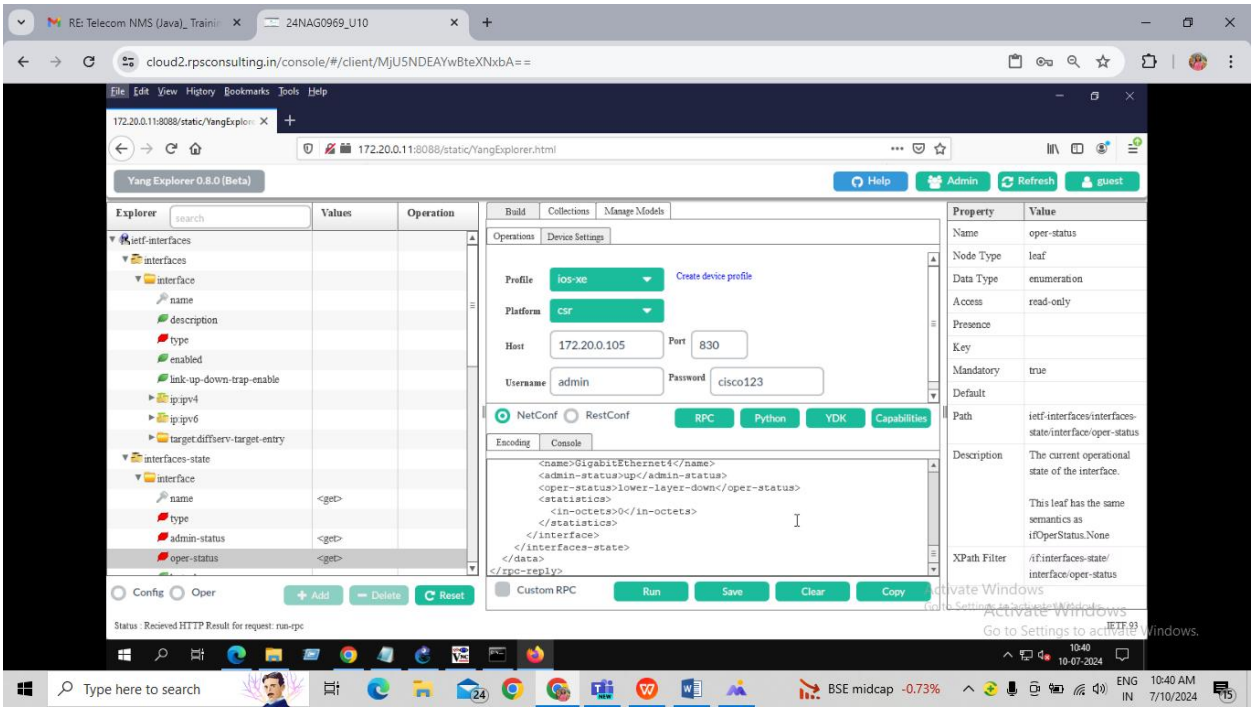
Click on Manage model and subscribe the ietf-interface yang model



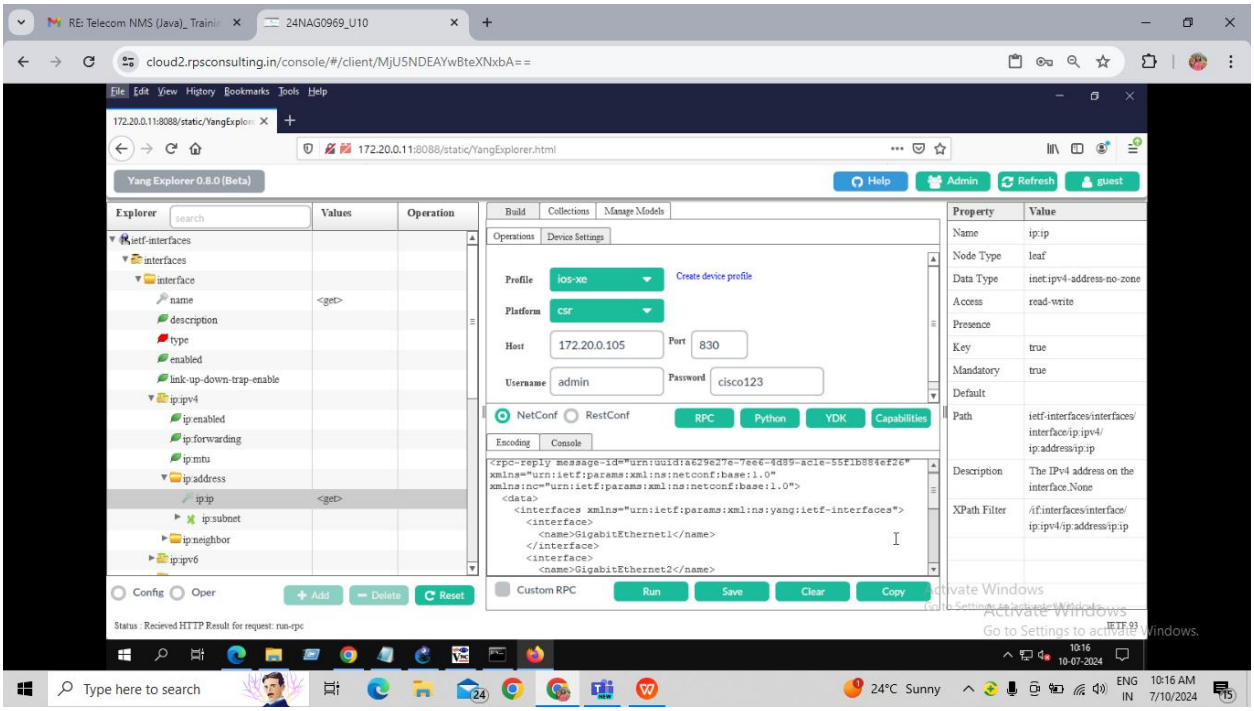
Example 1: Get the Router Interface Name



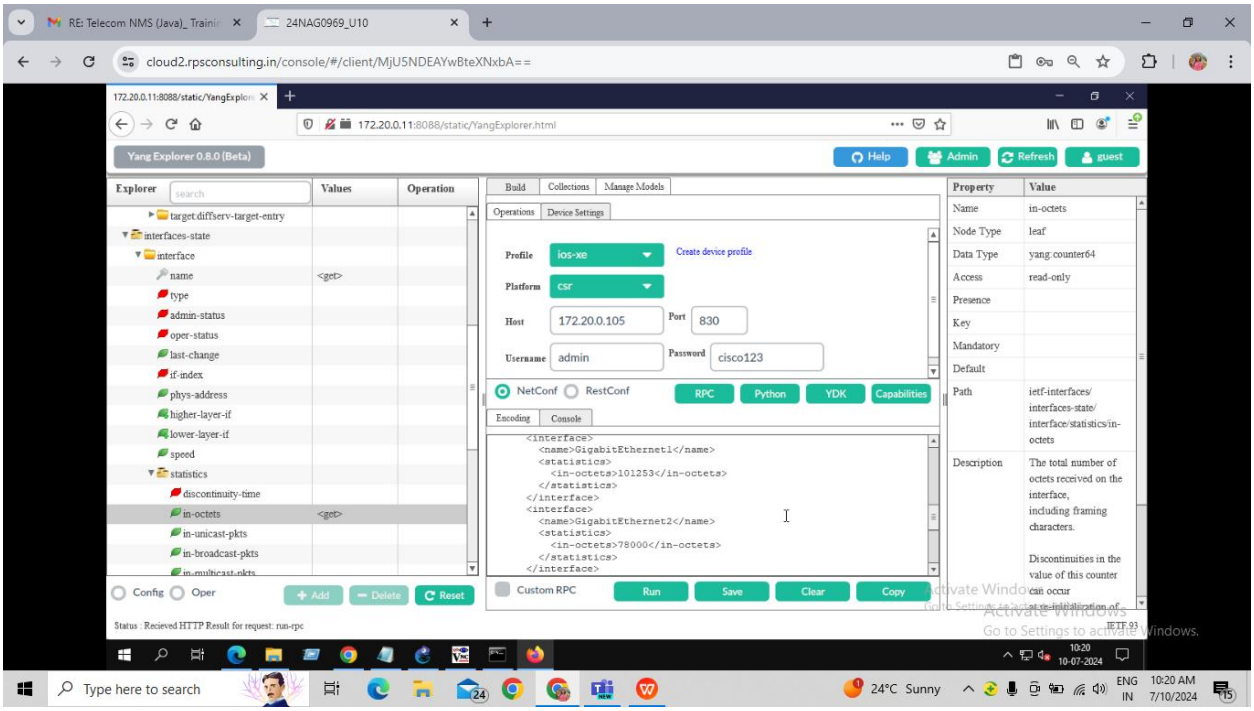
Example 2; Get the Router Interface admin and Operation state



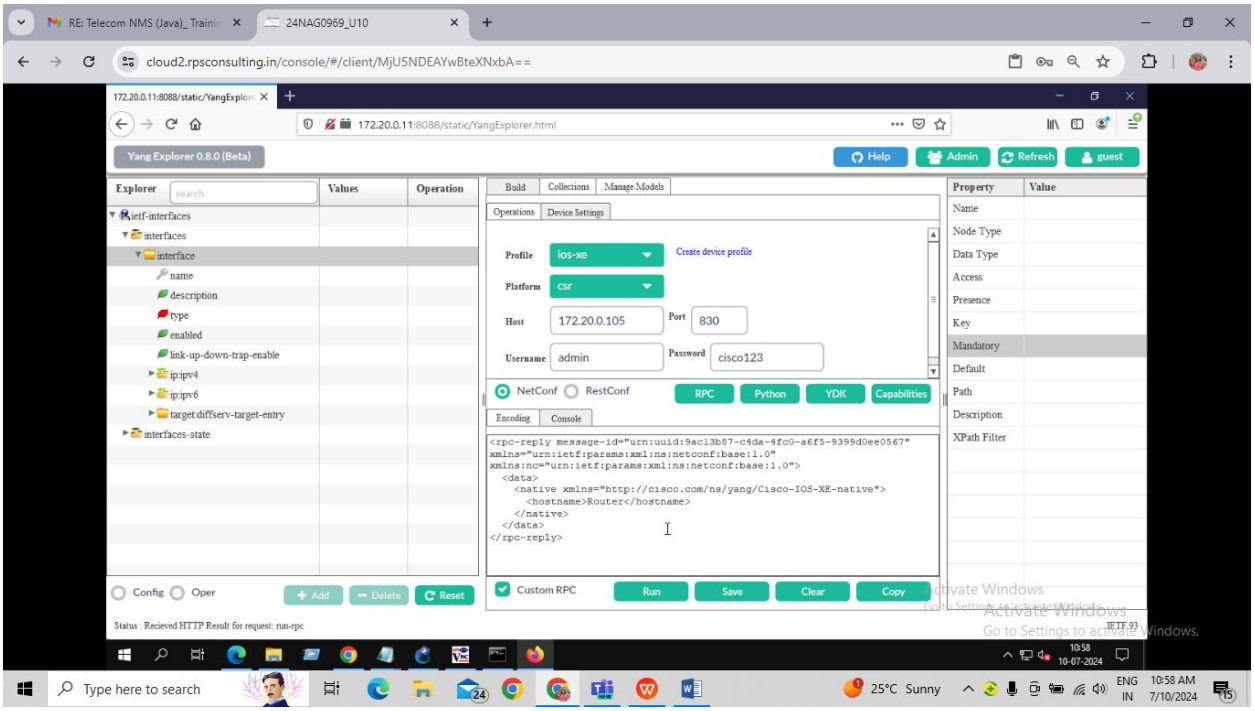
Example 3: Run the YANG query and get the Router interface and IP details



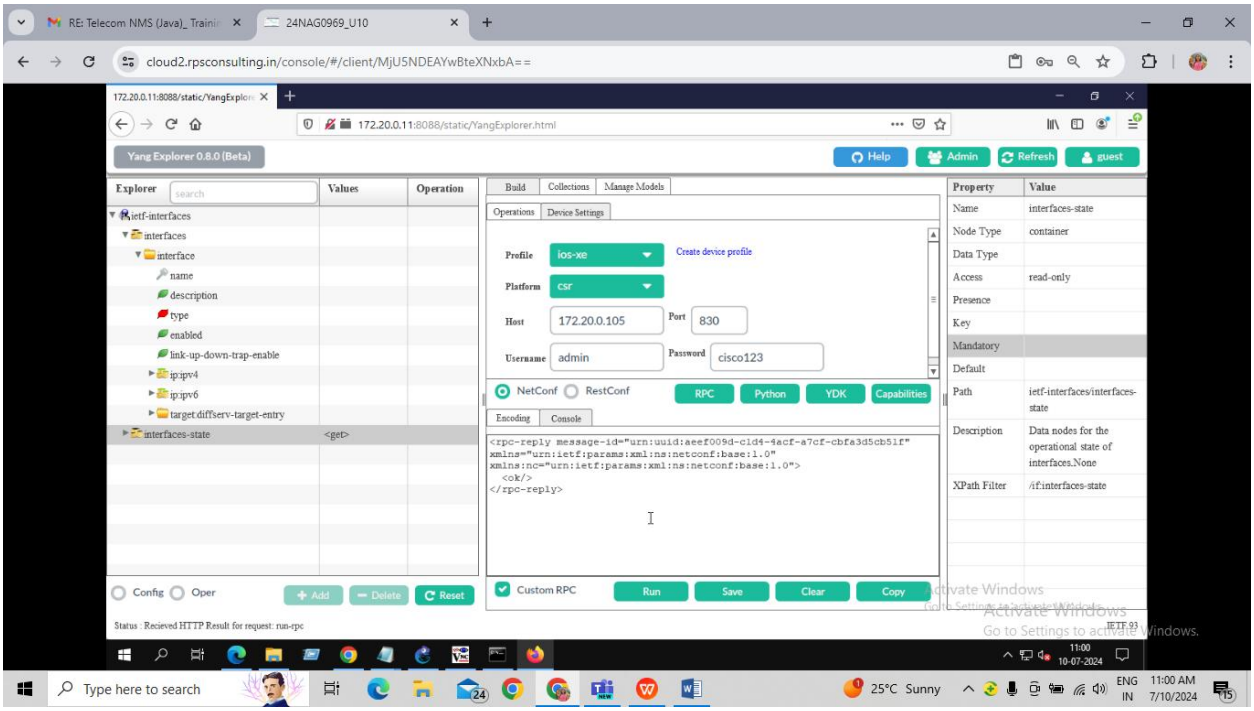
Example 4; Run the YANG query and get the Router interface stats

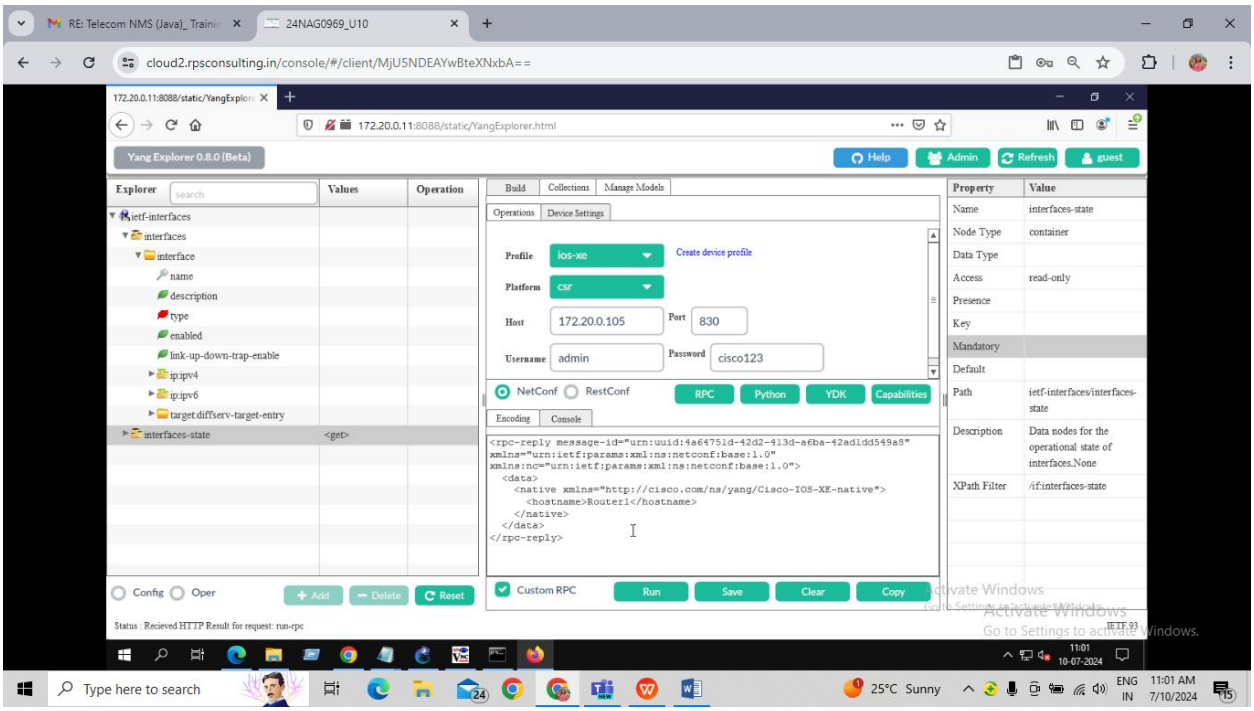


1: Get the router hostname

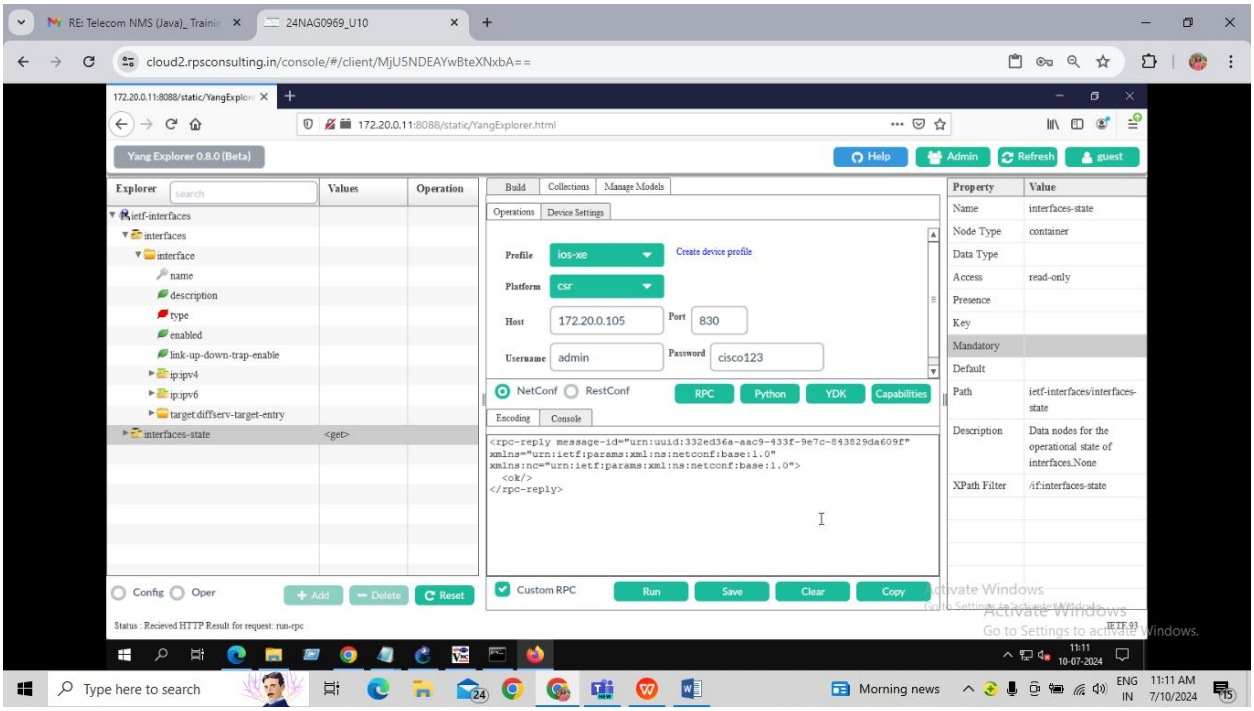


2: Change the Router hostname

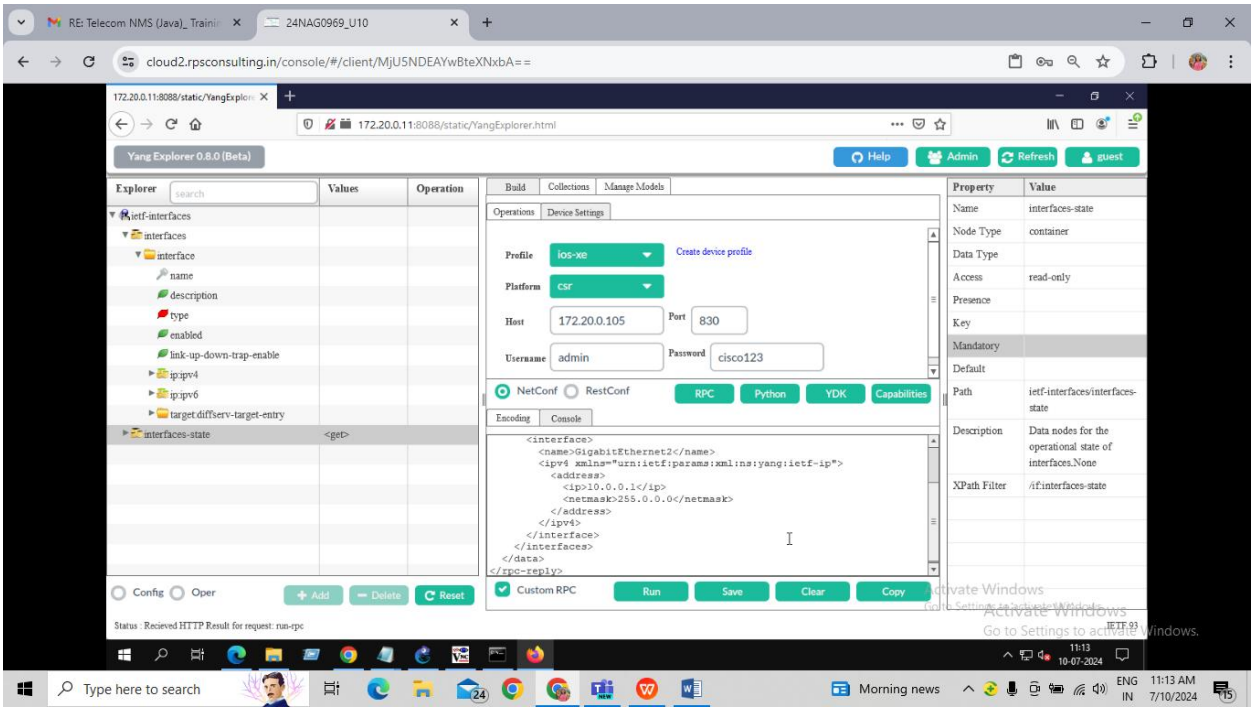




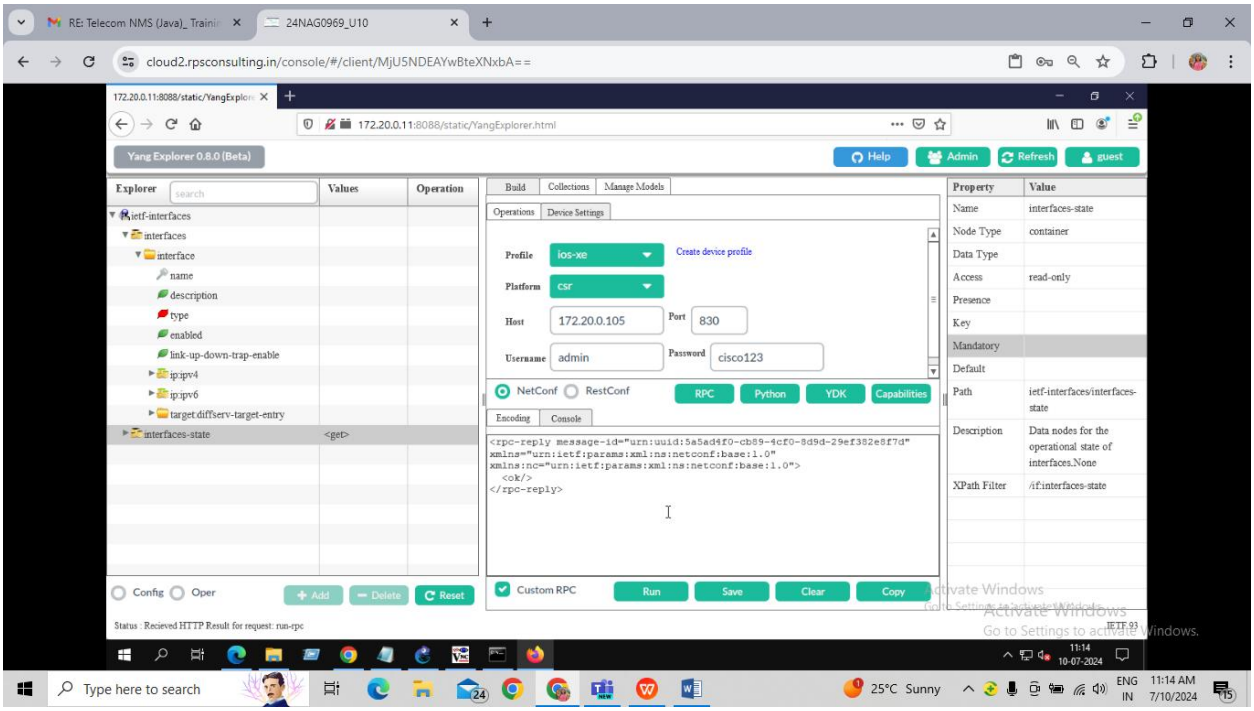
3: Change the interface operational status



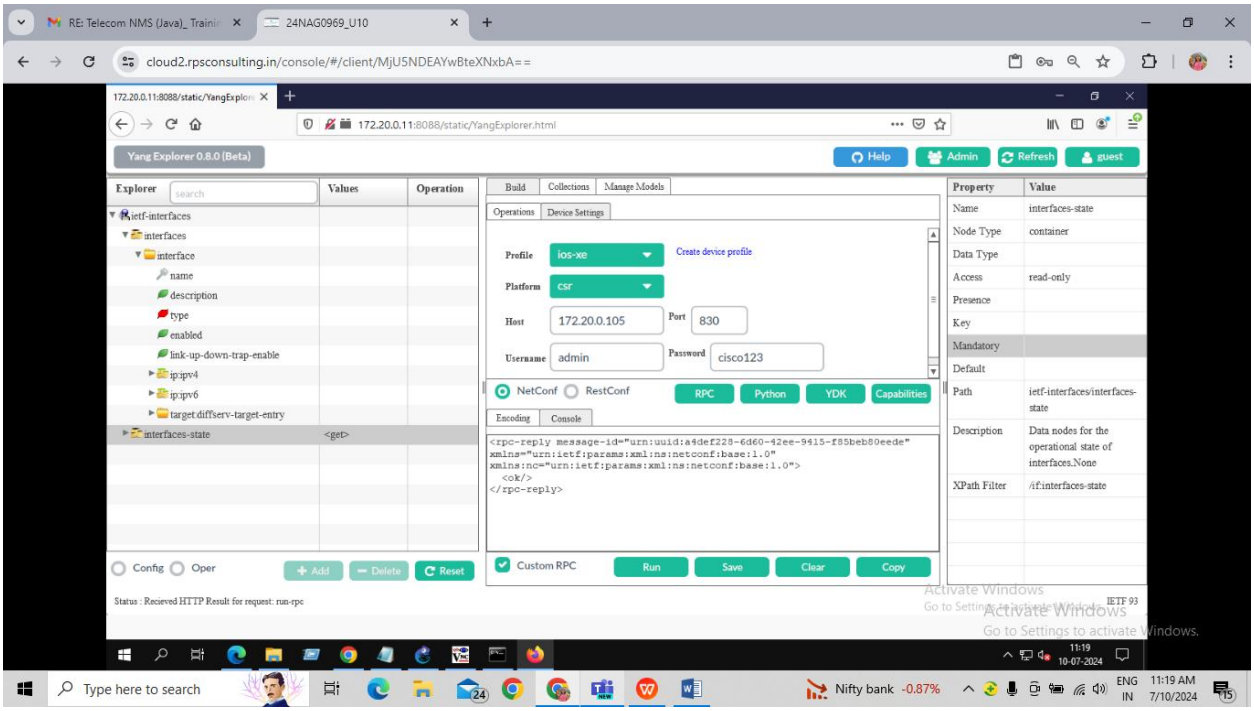
4: Check the IP address



5: Assign the Ip address on interface

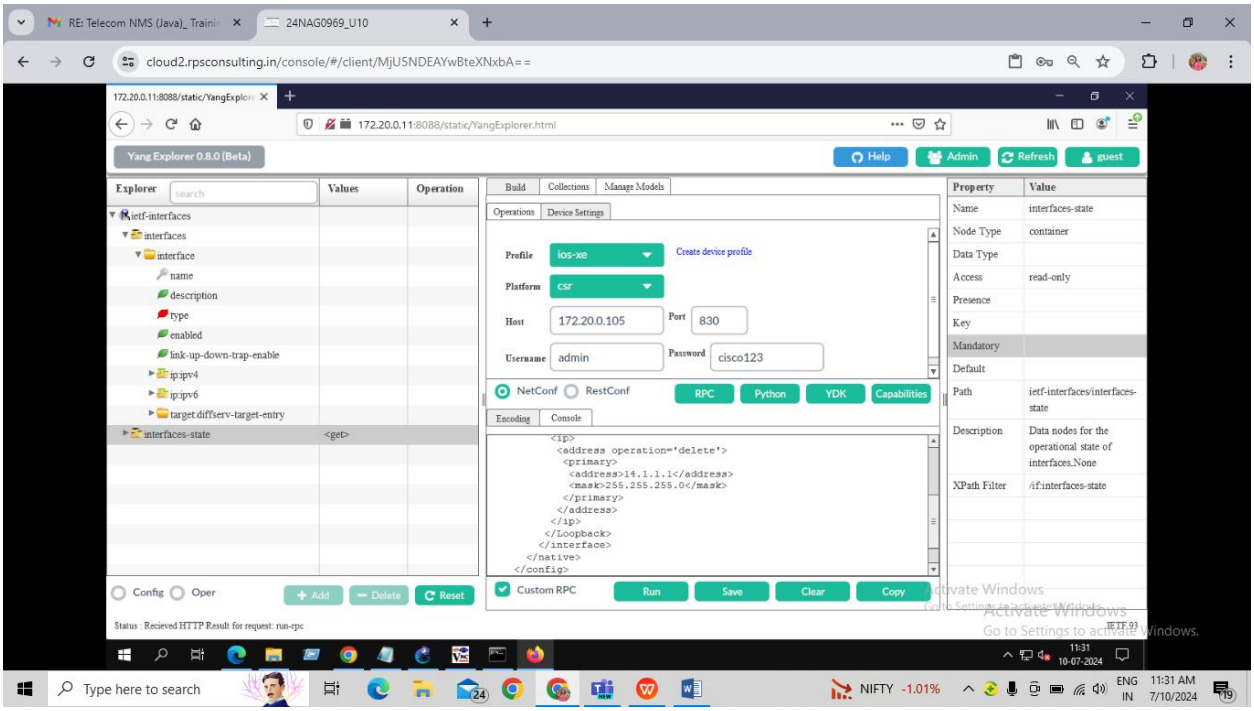


6: configure the loopback IP address

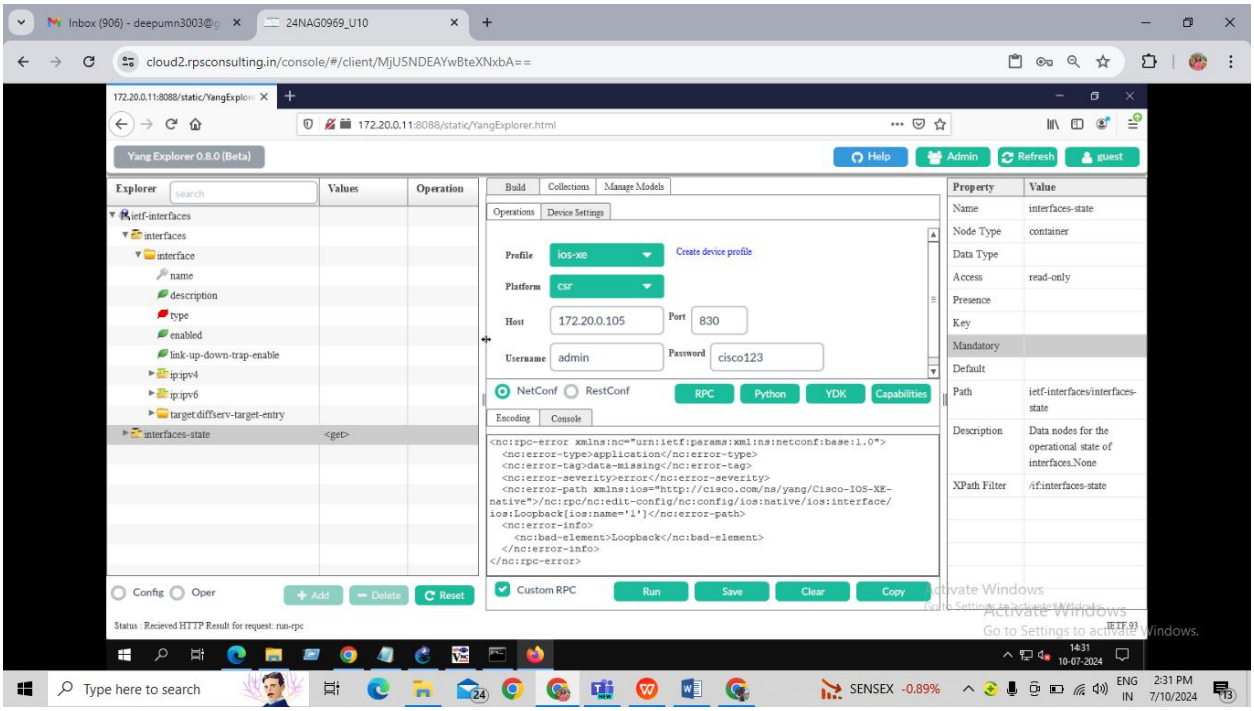


7: Attempt to create new loopback interface with same IP address

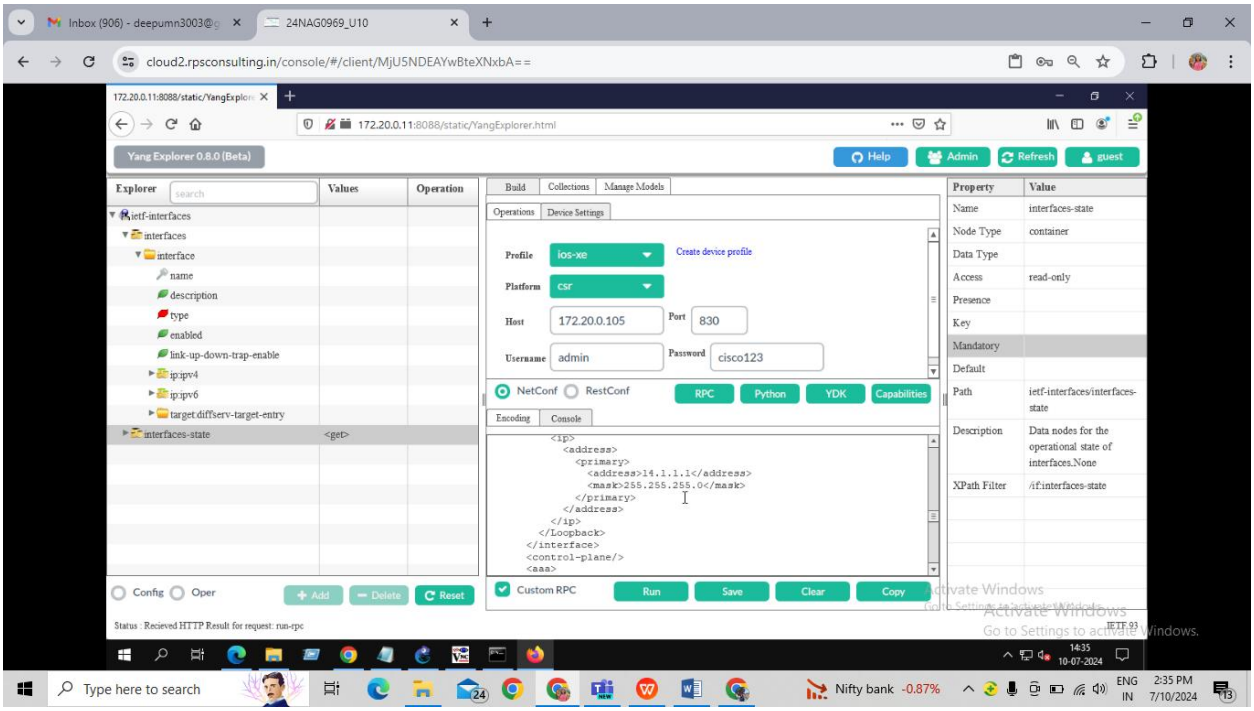
8: Delete the Loopback ip address



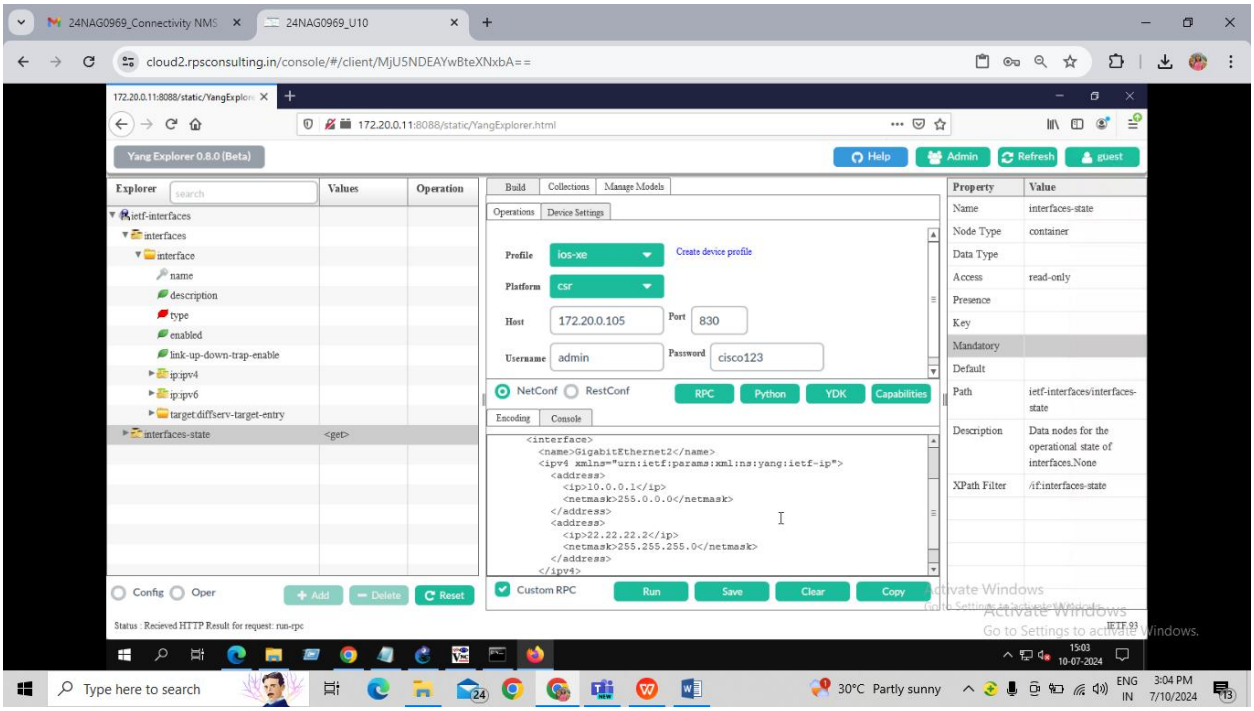
9: Delete the Loopback interface



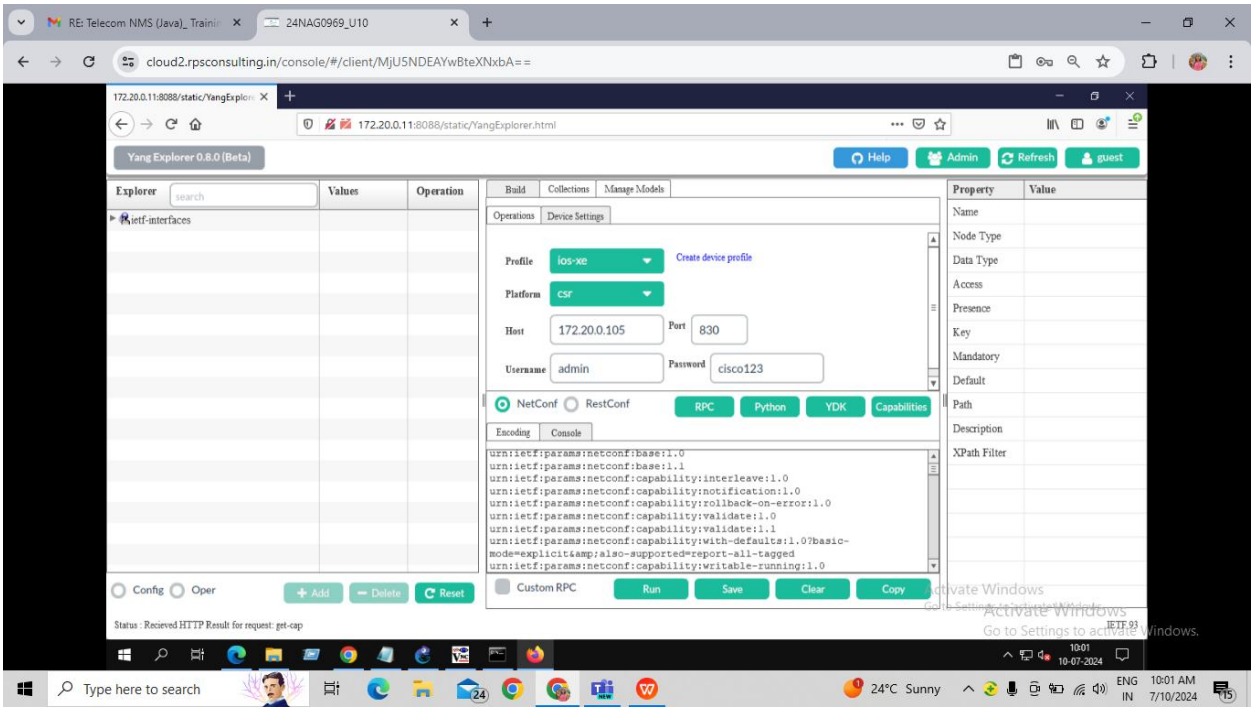
10: Get Complete config



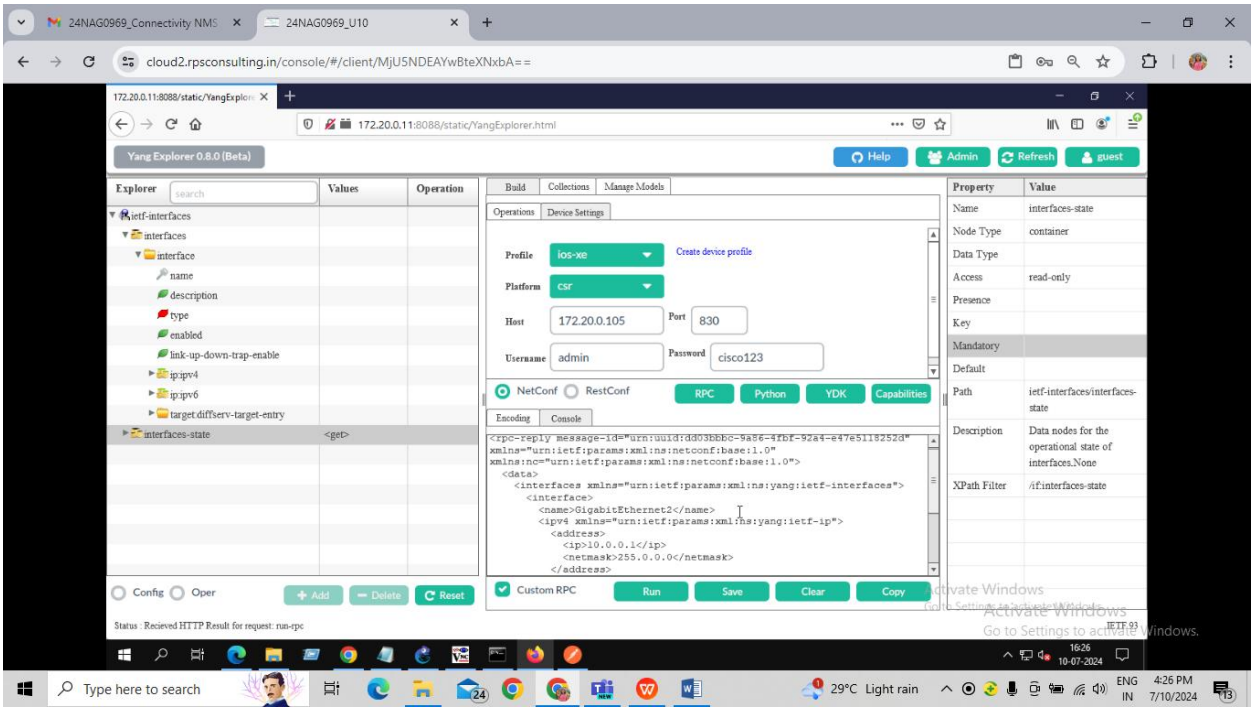
11: Get the filtered configuration



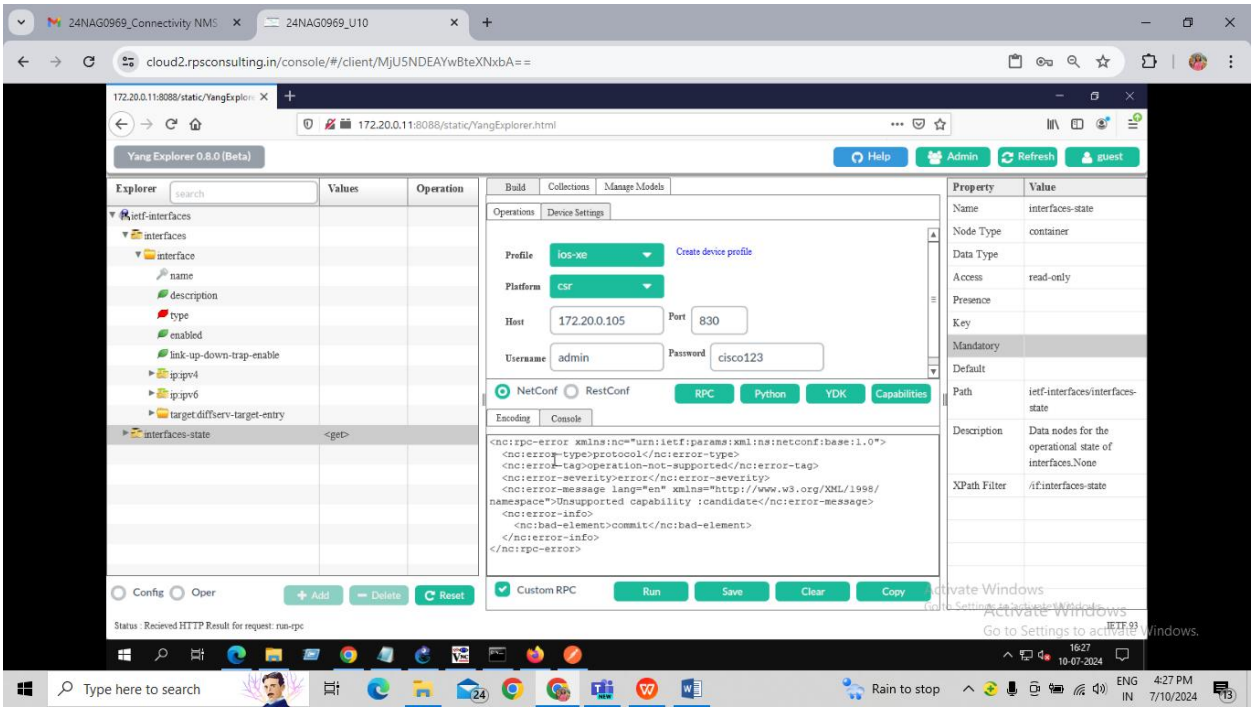
12: Enable Candidate data store



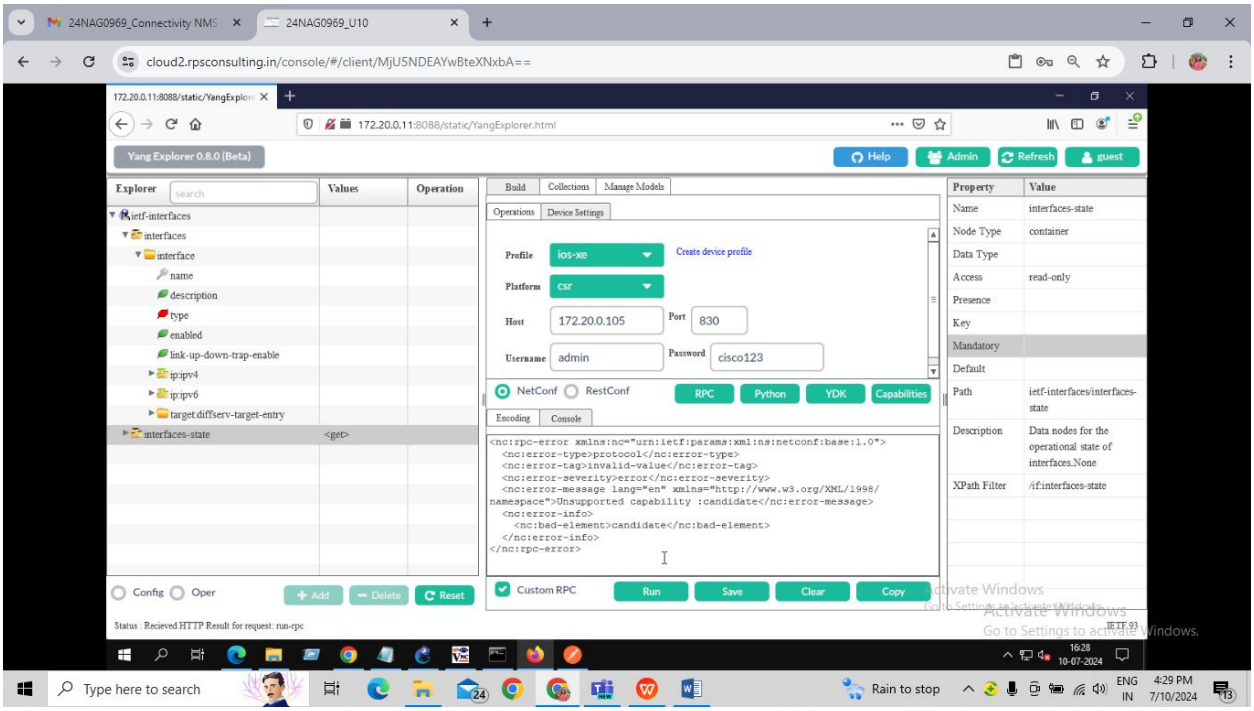
13: make the changes on candidate data store



14: Commit the changes on candidate



15: Copy configuration from running to candidate



16: Close the session