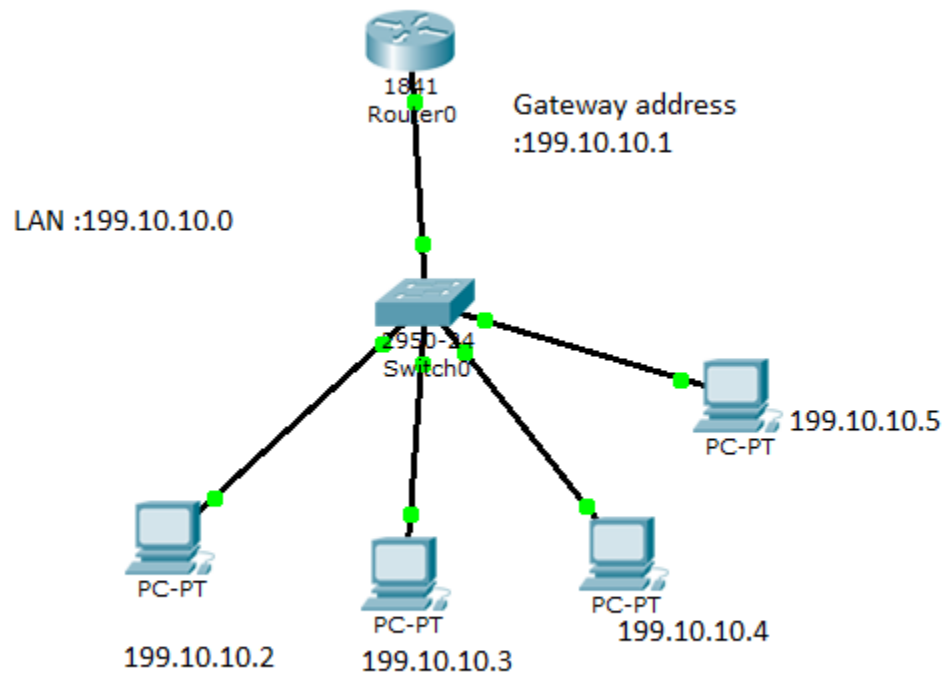


Lab4 : Configure the Gateway and_switch Port Speed ,Duplex and check the connectivity



1. Changing the switch name, Changing of Port Speed and Duplex

Switch>enable

Switch#

Switch#configure terminal

Switch(config)#

Changing the switch name

Switch(config)#hostname NWlab

NWlab(config)#

Changing of Port Speed and Duplex

NWlab (config)# int fastEthernet0/1

NWlab (config-if)#

Change the duplex in to half

NWlab (config-if)#duplex half

NWlab (config-if)#speed 10

Enabling the switch port

NWlab (config-if)#no shutdown

Change to privileges mode

NWlab (config-if)# exit

NWlab (config)# exit

To see the changes in the switch in privilege mode

NWlab #sh int fa0/01

Change the duplex in to full and speed

NWlab (config-if)#duplex full

NWlab (config-if)#speed 100

2. configure the default router for the LAN

Router configure

Continue with configuration dialog? [yes/no]: no

Router>en

Router#config t

Enter configuration commands, one per line. End with CNTL/Z.

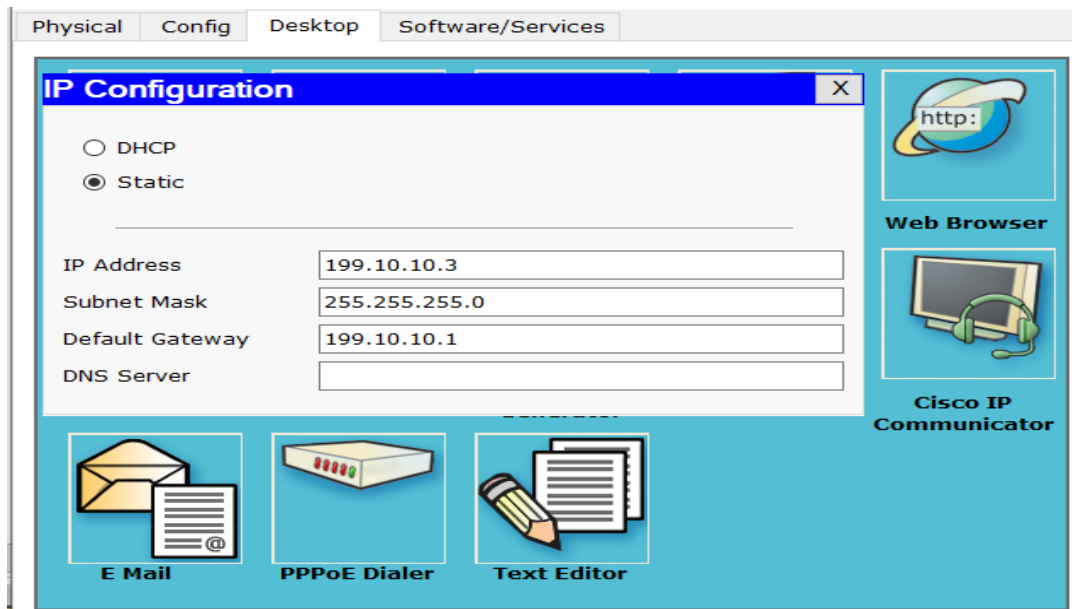
Router(config)#int fa0/0

Router(config-if)#ip address 199.10.10.1 255.255.255.0

Router(config-if)#no shutdown

Check the connectivity between PC and gateway

Assign the IP address in PCS



Check the connectivity

