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2035311

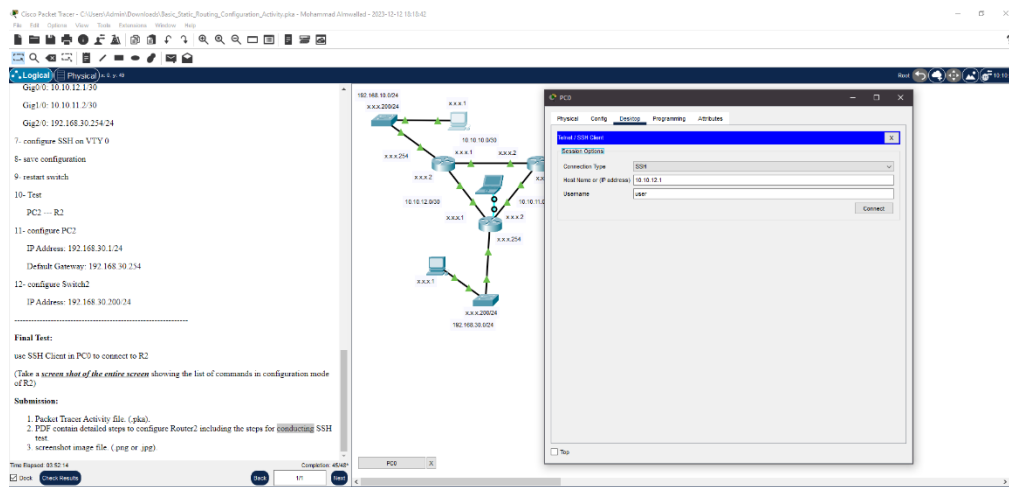
The detailed steps to configure Router2:

- 1- Connect the laptop to console of Router2.
- 2- Open the terminal from the desktop of the laptop
- 3- Write the following code:

```
Router> enable
Router# configure terminal
Router(config)# hostname R2
R2(config)# ip domain-name ee462.kau.edu.sa
R2(config)# username user password 123456
R2(config)# line console 0
R2(config-line)# login local
R2(config-line)# exit
R2(config)# enable secret 123456
R2(config)# interface GigabitEthernet0/0
R2(config-if)# ip address 10.10.12.1 255.255.255.252
R2(config-if)# no shutdown
R2(config-if)# exit
R2(config)# interface GigabitEthernet1/0
R2(config-if)# ip address 10.10.11.2 255.255.255.252
R2(config-if)# no shutdown
R2(config-if)# exit
R2(config)# interface GigabitEthernet2/0
R2(config-if)# ip address 192.168.30.254 255.255.255.0
R2(config-if)# no shutdown
R2(config-if)# exit
R2(config)# line vty 0 4
R2(config-line)# transport input ssh
R2(config-line)# login local
R2(config-line)# exit
R2(config)# end
R2# write memory
R2# reload
```

The SSH test:

- 1- Open the desktop of PC0
- 2- Choose Telnet/SSH Client
- 3- Write the IP of Router2 which 10.10.12.1 and The user is user as showing in figure:



- 4- Press Connect and it will connect to Router2 as showing in figure:

