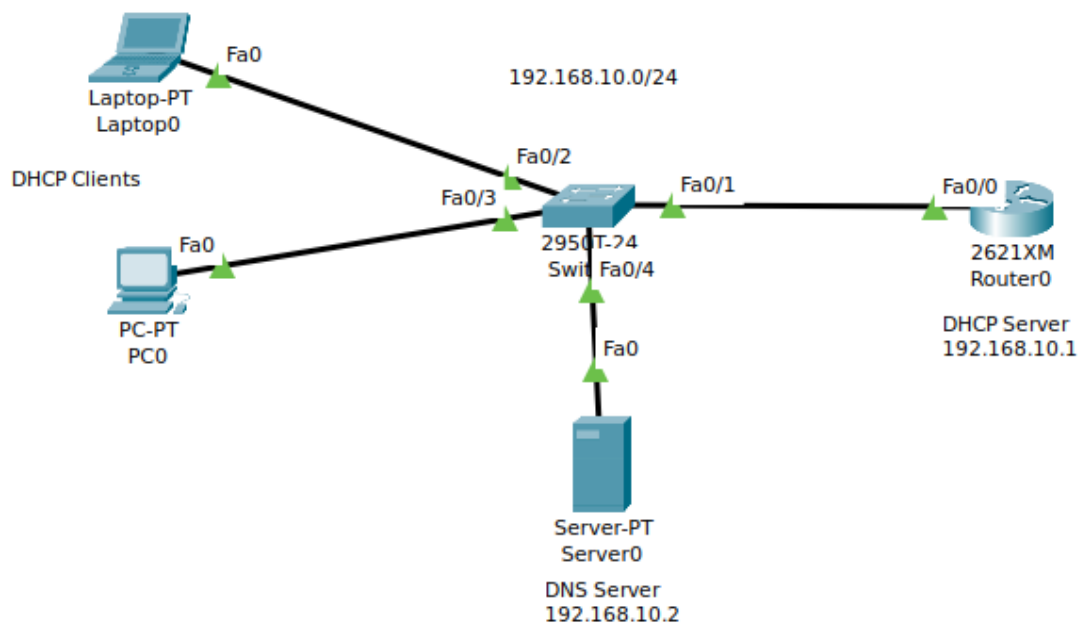# Cisco IOS Configure Router as DHCP Server

Network Lab Topology

Router0 Configuration Commands

Router0>enable
Router0#configure terminal
Router0(config)# interface fastEthernet 0/0
Router0(config-if)#ip address 192.168.10.1 255.255.255.0
Router0(config-if)#no shutdown
Router0(config-if)#exit
Router0(config)#service dhcp
Router0(config)#ip dhcp pool MAIN-POOL
Router0(dhcp-config)#network 192.168.10.0 255.255.255.0
Router0(dhcp-config)#default-router 192.168.10.1

Router0(dhcp-config)#dns-server 192.168.10.2
Router0(dhcp-config)#exit
Router0(config)#ip dhcp excluded-address 192.168.10.1 192.168.10.10

Cisco Packet Tracer File

net2 router dhcp.pkt