Routing Switching Tigers Forum

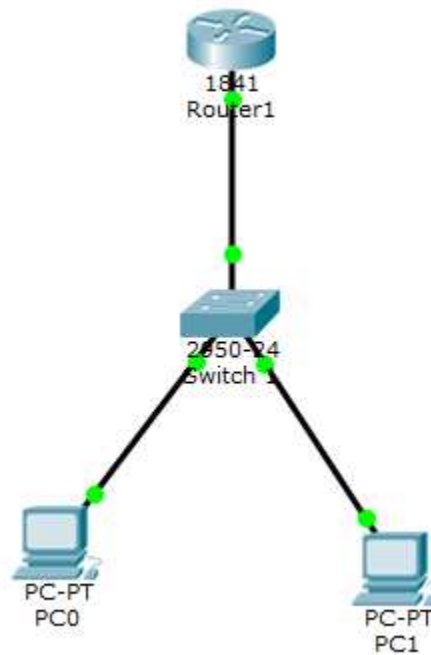# DHCP

DHCP Topology

Disclaimer

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Cisco IOS Software, Linux Software (I86BI_LINUX-ADVENTERPRISEK9-M), Version 15.2(4)M1, DEVELOPMENT TEST SOFTWARE

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LAB 2: Configure DHCP

Task 2: Configure IPv4 DHCP

Step 1. In the configuration mode of router configure IPv4 DHCP by following command:

Router1:
interface fastethernet 0/0
no shutdown
interface fastethernet 0/0.1
encapsulation dotlq 100
ip address 100.0.0.1 255.255.255.0
interface fastethernet 0/0.2
encapsulation dot1q 200
ip address 200.0.0.1 255.255.255.0
exit

ip dhcp pool VLAN100
network 100.0.0.0 255.255.255.0
default-router 100.0.0.1
exit
ip dhcp excluded-address 100.0.0.1
ip dhcp pool VLAN200
network 200.0.0.0 255.255.255.0
default-router 200.0.0.1
exit
ip dhcp excluded-address 200.0.0.1

Switch1:
interface fastethernet 0/1
switchport mode trunk
exit
interface fastethernet 0/2
switchport access vlan 100
switchport mode access
interface fastethernet 0/3
switchport access vlan 200
switchport mode access
exit

Configure the HOST to obtain IP from DHCP.