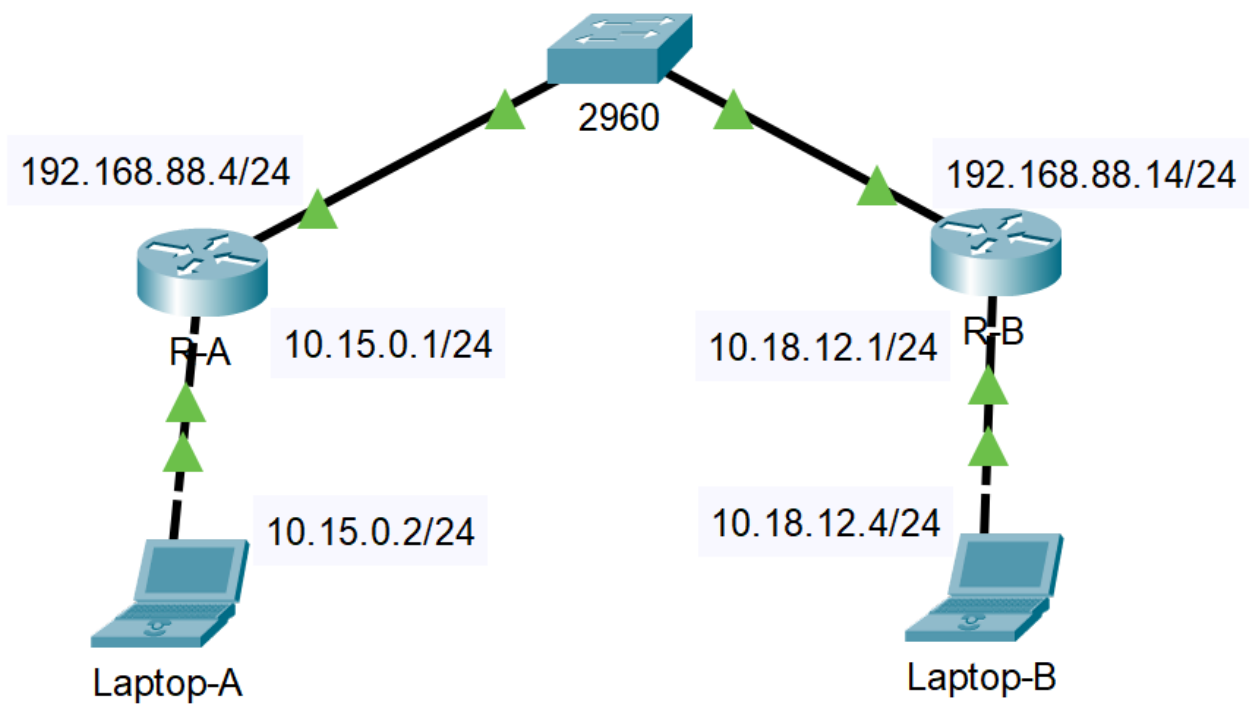


Налаштування DHCP по заданій схемі в Cisco Packet Tracer

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Топологія мережі



Конфігурація R-A(DHCP)

```
ip dhcp pool dhcp1
ip dhcp pool dhcp2

ip dhcp pool dhcp1
network 192.168.88.0 255.255.255.0
default-router 192.168.88.1
ip dhcp pool dhcp2
network 10.15.0.0 255.255.255.0
default-router 10.15.0.1

interface FastEthernet0/0
ip address 10.15.0.1 255.255.255.0
duplex auto
speed auto
!
interface FastEthernet0/1
ip address 192.168.88.4 255.255.255.0
duplex auto
speed auto
!
interface Vlan1
no ip address
shutdown
!
router rip
version 2
network 10.0.0.0
network 192.168.88.0
```

Конфігурація R-B(DHCP)

```
ip dhcp pool dhcp3
ip dhcp pool dhcp4

ip dhcp pool r2
network 192.168.88.0 255.255.255.0
default-router 192.168.88.1
ip dhcp pool r2_2
network 10.18.12.0 255.255.255.0
default-router 10.18.12.1
interface FastEthernet0/0
ip address 192.168.88.14 255.255.255.0
duplex auto
speed auto
!
interface FastEthernet0/1
ip address 10.18.12.1 255.255.255.0
duplex auto
speed auto
!
interface Vlan1
no ip address
shutdown
!
router rip
version 2
network 10.0.0.0
network 192.168.88.0
```

Ping Laptop-B from Laptop-A

```
C:\>ping 10.18.12.1

Pinging 10.18.12.1 with 32 bytes of data:

Reply from 10.18.12.1: bytes=32 time<1ms TTL=254
Reply from 10.18.12.1: bytes=32 time<1ms TTL=254
Reply from 10.18.12.1: bytes=32 time<1ms TTL=254
Reply from 10.18.12.1: bytes=32 time<1ms TTL=254

Ping statistics for 10.18.12.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

Ping Laptop-A from Laptop-B

```
C:\>ping 10.15.0.1

Pinging 10.15.0.1 with 32 bytes of data:

Reply from 10.15.0.1: bytes=32 time<1ms TTL=254
Reply from 10.15.0.1: bytes=32 time<1ms TTL=254
Reply from 10.15.0.1: bytes=32 time=170ms TTL=254
Reply from 10.15.0.1: bytes=32 time<1ms TTL=254

Ping statistics for 10.15.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 170ms, Average = 42ms
```