1. Post lab05:
2. No ARP entries found
3. Result:

Pinging 172.16.1.2 with 32 bytes of data:

Reply from 172.16.1.2: bytes=32 time=11ms TTL=128

Reply from 172.16.1.2: bytes=32 time=0ms TTL=128

Reply from 172.16.1.2: bytes=32 time=1ms TTL=128

Reply from 172.16.1.2: bytes=32 time=0ms TTL=128

Ping statistics for 172.16.1.2:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 11ms, Average = 3ms

1. ARP cash result:

Internet Address Physical Address Type

Host-1B: 172.16.1.2 0007.ec78.7d6b dynamic

172.16.255.254 0006.2aed.9e42 dynamic

1A's default gateway IP: 172.16.255.254

Default gateway mac address: 0006.2aed.9e42

1. Ping PC 11A

Pinging 172.16.11.1 with 32 bytes of data:

Reply from 172.16.11.1: bytes=32 time=1ms TTL=128

Reply from 172.16.11.1: bytes=32 time=0ms TTL=128

Reply from 172.16.11.1: bytes=32 time=0ms TTL=128

Reply from 172.16.11.1: bytes=32 time=1ms TTL=128

Ping statistics for 172.16.11.1:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 1ms, Average = 0ms

1. arp –a:

Internet Address Physical Address Type

172.16.1.2 0007.ec78.7d6b dynamic

172.16.11.1 0030.f29d.b162 (mac add for host-11a) dynamic

172.16.255.254 0006.2aed.9e42 dynamic

1. ping 10.10.10.6:

Pinging 10.10.10.6 with 32 bytes of data:

Reply from 10.10.10.6: bytes=32 time=1ms TTL=254

Reply from 10.10.10.6: bytes=32 time=1ms TTL=254

Reply from 10.10.10.6: bytes=32 time=1ms TTL=254

Reply from 10.10.10.6: bytes=32 time=1ms TTL=254

Ping statistics for 10.10.10.6:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 1ms, Maximum = 1ms, Average = 1ms

1. arp –a

Internet Address Physical Address Type

172.16.1.2 0007.ec78.7d6b dynamic

172.16.11.1 0030.f29d.b162 dynamic

172.16.255.254 0006.2aed.9e42 dynamic

1. NO
2. telnet 172.16.254.1:

telnet 172.16.254.1

Trying 172.16.254.1 ...Open

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

This is Lab switch S1-Central.

Authorized access only.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

User Access Verification

Password: (password was cisco)

1. You are now connected to the switch and can enter cisco’s IOS commands!

S1-Central>

A. To examine the switch ‘s MAC table :

Mac Address Table

-------------------------------------------

Vlan Mac Address Type Ports

---- ----------- -------- -----

1 0001.6465.8b74 DYNAMIC Fa0/1