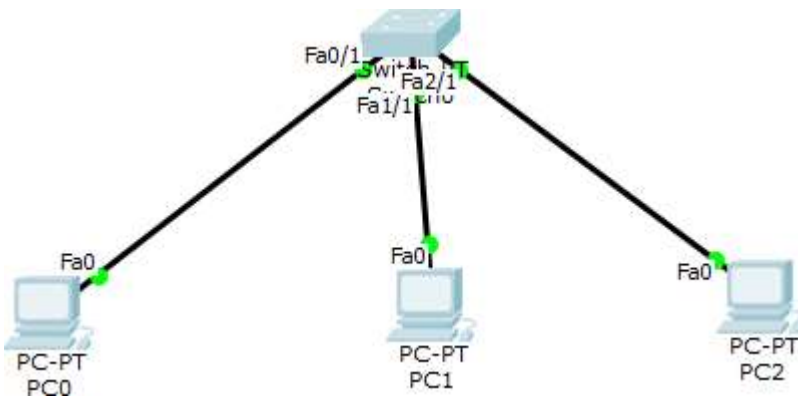


WEEK-7

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USN: 1BM21CS200

ARP-Address resolution protocol



Configure IP addresses

Go to command prompt of PC0

PC0

Physical Config Desktop Custom Interface

Command Prompt

Packet Tracer PC Command Line 1.0

PC>arp -a

No ARP Entries Found

PC>ping 10.0.0.3

Pinging 10.0.0.3 with 32 bytes of data:

Reply from 10.0.0.3: bytes=32 time=7ms TTL=128

Reply from 10.0.0.3: bytes=32 time=0ms TTL=128

Reply from 10.0.0.3: bytes=32 time=1ms TTL=128

Reply from 10.0.0.3: bytes=32 time=0ms TTL=128

Ping statistics for 10.0.0.3:

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

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 7ms, Average = 2ms

PC>arp -a

Internet Address	Physical Address	Type
10.0.0.3	0002.1778.eb26	dynamic

PC>ping 10.0.0.2

Pinging 10.0.0.2 with 32 bytes of data:

Reply from 10.0.0.2: bytes=32 time=1ms TTL=128

Reply from 10.0.0.2: bytes=32 time=0ms TTL=128

Reply from 10.0.0.2: bytes=32 time=0ms TTL=128

PC0

Physical Config Desktop Custom Interface

Command Prompt

```
Minimum = 0ms, Maximum = 7ms, Average = 2ms

PC>arp -a
    Internet Address      Physical Address      Type
    10.0.0.3              0002.1778.eb26       dynamic

PC>ping 10.0.0.2

Pinging 10.0.0.2 with 32 bytes of data:

Reply from 10.0.0.2: bytes=32 time=1ms TTL=128
Reply from 10.0.0.2: bytes=32 time=0ms TTL=128
Reply from 10.0.0.2: bytes=32 time=0ms TTL=128
Reply from 10.0.0.2: bytes=32 time=0ms TTL=128

Ping statistics for 10.0.0.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

PC>arp -a
    Internet Address      Physical Address      Type
    10.0.0.2              0060.4775.706d       dynamic
    10.0.0.3              0002.1778.eb26       dynamic

PC>arp -d
PC>arp -a
No ARP Entries Found
PC>
```