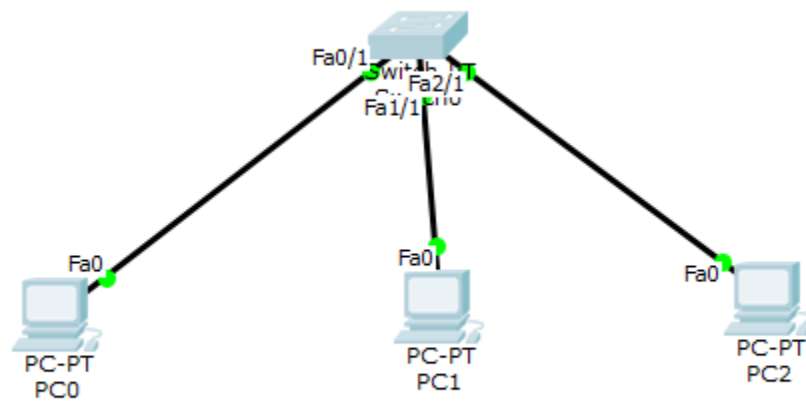ARP-Address resolution protocol

Configure IP addresses
Go to command prompt of PC0

PC0 — □ ×

Physical | Config | **Desktop** | Custom Interface

Command Prompt [X]

```
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   X

```
   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>
```