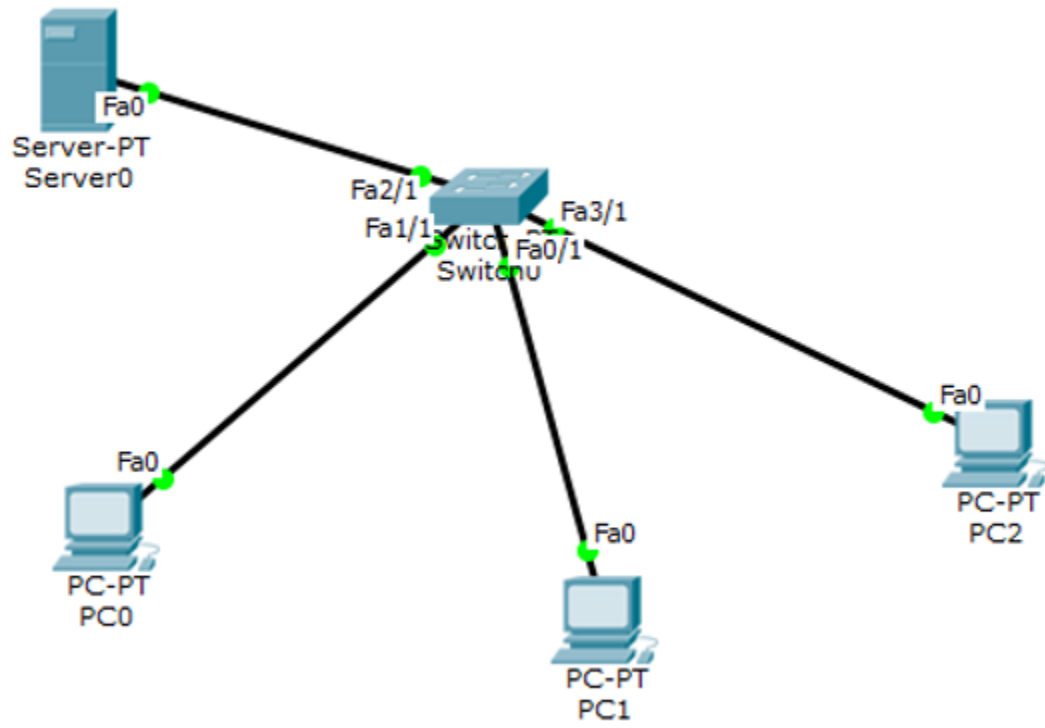


ARP



ARP Table for PC1

IP Address	Hardware Address	Interface	
10.0.0.1	0001.635C.43B0	FastEthernet0	
10.0.0.3	0000.0C51.041A	FastEthernet0	

Switch>show mac address-table

Mac Address Table

Vlan	Mac Address	Type	Ports
----	-----	-----	-----
1	0000.0c51.041a	DYNAMIC	Fa3/1
1	0001.635c.43b0	DYNAMIC	Fa1/1
1	000a.4118.b887	DYNAMIC	Fa0/1

PING PC2 TO PC3

```
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=0ms TTL=128
```

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

```
Reply from 10.0.0.3: bytes=32 time=0ms 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 = 0ms, Average = 0ms
```

```
PC>arp -a
```

Internet Address	Physical Address	Type
10.0.0.1	0001.635c.43b0	dynamic
10.0.0.3	0000.0c51.041a	dynamic