



192.168.0.10

Physical Config Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 00D0.FF21.2EDC

IP Configuration

☒ DHCP

☐ Static

IPv4 Address 192.168.0.10

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address:

☐ Top

192.168.0.9

Physical Config Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 00E0.A385.662A

IP Configuration

☒ DHCP

☐ Static

IPv4 Address 192.168.0.9

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address: FE80::2E0:A3FF:FE85:662A

☐ Top

192.168.0.8

Physical Config Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0040.0BA1.079E

IP Configuration

☒ DHCP

☐ Static

IPv4 Address 192.168.0.8

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address: FE80::240:BFF:FEA1:79E

☐ Top

192.168.0.7

Physical Config Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0001.C7EA.1EA1

IP Configuration

☒ DHCP

☐ Static

IPv4 Address 192.168.0.7

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address: FE80::201:C7FF:FEA1:1EA1

☐ Top

192.168.0.6

Physical Config Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status ☒ On

Bandwidth ☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0060.5CBC.8D26

IP Configuration

☒ DHCP

☐ Static

IPv4 Address 192.168.0.6

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address: FE80::260:5CFF:FEBC:8D26

☐ Top

Servidor DHCP 192.168.0.1

Physical Config Services Desktop Programming Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

Interface FastEthernet0 Service ☒ On ☐ Off

Pool Name serverPool

Default Gateway 192.168.0.254

DNS Server 192.168.0.254

Start IP Address : 192 168 0 0

Subnet Mask: 255 255 255 0

Maximum Number of Users : 10

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Add

Save

Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168....	192.168....	192.168....	255.255....	10	0.0.0.0	0.0.0.0

☐ Top

Physical **Config** Attributes**GLOBAL**

Settings

INTERFACE

FastEthernet0

FastEthernet0

Port Status

☒ On

Bandwidth

☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex

☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address

00D0.9704.E26E

IP Configuration

☐ DHCP☒ Static

IPv4 Address

192.168.1.1

Subnet Mask

255.255.255.0

IPv6 Configuration

☐ Automatic☒ Static

IPv6 Address

Link Local Address: FE80::2D0:97FF:FE04:E26E



Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/0

Port Status

☒ On

Bandwidth

☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex

☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address

0001.96A9.A601

IP Configuration

IPv4 Address

192.168.0.254

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

```
Router(config-if)#
Router(config-if)#
Router(config-if)#
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
```



Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/1

Port Status

☒ On

Bandwidth

☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex

☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address

0001.96A9.A602

IP Configuration

IPv4 Address

192.168.5.254

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

```
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
```



Top



Physical

Config

Services

Desktop

Programming

Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

FastEthernet0

Port Status

☒ On

Bandwidth

☐ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex

☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address

000A.419A.9D48

IP Configuration

☐ DHCP☒ Static

IPv4 Address

192.168.5.1

Subnet Mask

255.255.255.0

IPv6 Configuration

☐ Automatic☒ Static

IPv6 Address

Link Local Address: FE80::20A:41FF:FE9A:9D48

Command Prompt



Cisco Packet Tracer PC Command Line 1.0

C:\>

ping 192.168.0.6

Pinging 192.168.0.6 with 32 bytes of data:

Reply from 192.168.0.6: bytes=32 time<1ms TTL=128

Reply from 192.168.0.6: bytes=32 time<1ms TTL=128

Reply from 192.168.0.6: bytes=32 time<1ms TTL=128

Reply from 192.168.0.6: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.6:

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

Approximate round trip times in milli-seconds:

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

C:\>ping 192.168.0.1

Pinging 192.168.0.1 with 32 bytes of data:

Reply from 192.168.0.1: bytes=32 time=1ms TTL=128

Reply from 192.168.0.1: bytes=32 time<1ms TTL=128

Reply from 192.168.0.1: bytes=32 time<1ms TTL=128

Reply from 192.168.0.1: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.1:

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

Approximate round trip times in milli-seconds:

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

C:\>|

Minimum 0ms, Maximum 5ms, Average 1ms

```
C:\>ping 192.168.0.254
```

Pinging 192.168.0.254 with 32 bytes of data:

```
Reply from 192.168.0.254: bytes=32 time<1ms TTL=255
Reply from 192.168.0.254: bytes=32 time=5ms TTL=255
Reply from 192.168.0.254: bytes=32 time<1ms TTL=255
Reply from 192.168.0.254: bytes=32 time<1ms TTL=255
```

Ping statistics for 192.168.0.254:

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 5ms, Average = 1ms
```

```
C:\>ping 192.168.5.1
```

Pinging 192.168.5.1 with 32 bytes of data:

```
Reply from 192.168.5.1: bytes=32 time<1ms TTL=127
Reply from 192.168.5.1: bytes=32 time<1ms TTL=127
Reply from 192.168.5.1: bytes=32 time<1ms TTL=127
Reply from 192.168.5.1: bytes=32 time=5ms TTL=127
```

Ping statistics for 192.168.5.1:

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 5ms, Average = 1ms
```

```
C:\>
```