



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 00D0.5822.6A01

IP Configuration

IPv4 Address 192.168.0.1

Subnet Mask 255.255.255.0

Tx Ring Limit 10

#### Equivalent IOS Commands

```

Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
ip address 192.168.0.1 255.255.255.0
Router(config-if)#ip address 192.168.0.1 255.255.255.0
Router(config-if)#
  
```

## IOS Command Line Interface

249856K bytes of ATA System CompactFlash 0 (Read/Write)

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]:

Press RETURN to get started!

Router>enable

Router#

Router#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface FastEthernet0/0

Router(config-if)#no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up  
ip address 192.168.0.4 255.255.255.0

Router(config-if)#ip address 192.168.0.1 255.255.255.0

Router(config-if)#ip dhcp pool moyname

^  
% Invalid input detected at '^' marker.

Router(config-if)#ip dhcp pool moyname

Router(dhcp-config)#network 192.168.0.0 255.255.255.0

Router(dhcp-config)#default-router 192.168.0.1

Router(dhcp-config)#dns-server 7.7.7.7

Router(dhcp-config)#exit

Router(config)#ip dhcp excluded-address 192.168.0.1

Router(config)#exit

Router#

%SYS-5-CONFIG\_I: Configured from console by console

Copy

Paste

| FastEthernet0                           |                                                                                                                         |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Port Status                             | <input checked="" type="checkbox"/> On                                                                                  |
| Bandwidth                               | <input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto        |
| Duplex                                  | <input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto |
| MAC Address                             | 0060 3E9B E6CD                                                                                                          |
| IP Configuration                        |                                                                                                                         |
| <input checked="" type="radio"/> DHCP   |                                                                                                                         |
| <input type="radio"/> Static            |                                                                                                                         |
| IPv4 Address                            | 192.168.0.2                                                                                                             |
| Subnet Mask                             | 255.255.255.0                                                                                                           |
| IPv6 Configuration                      |                                                                                                                         |
| <input type="radio"/> Automatic         |                                                                                                                         |
| <input checked="" type="radio"/> Static |                                                                                                                         |
| IPv6 Address                            |                                                                                                                         |
| Link Local Address                      | FE80::260:3EFF:FE9B:E6CD                                                                                                |

Physical Config Desktop Programming Attributes

Command Prompt

X

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.3

Pinging 192.168.0.3 with 32 bytes of data:

Reply from 192.168.0.3: bytes=32 time=7ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 7ms, Average = 1ms

C:\>|
```