IP Configuration
◯ DHCP
🔵 Static
IPv4 Address   192.168.0.1
Subnet Mask   255.255.255.0

IPv6 Configuration
◯ Automatic
🔵 Static
IPv6 Address   /
Link Local Address: FE80::205:5EFF:FEA4:C0A1

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RFACE
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Port Status   ✅ On
Bandwidth   ◉ 100 Mbps ◯ 10 Mbps ✅ Auto
Duplex   ◯ Half Duplex ◉ Full Duplex ✅ Auto
MAC Address   00D0.BC83.E696

IP Configuration
◯ DHCP
🔵 Static
IPv4 Address   192.168.0.2
Subnet Mask   255.255.255.0

IPv6 Configuration
◯ Automatic
🔵 Static
IPv6 Address   /
Link Local Address: FE80::2D0:BCFF:FE83:E696

Router0

Physical | Config | CLI | Attributes

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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.C7C7.9401

IP Configuration
IPv4 Address	192.168.0.100
Subnet Mask	255.255.255.0

Tx Ring Limit	10

GLOBAL
Settings
orithm Settings
ROUTING
Static
RIP
SWITCHING
LAN Database
INTERFACE
astEthernet0/0
astEthernet0/1

FastEthernet0/1

Port Status	☐ On
Bandwidth	○ 100 Mbps ○ 10 Mbps ☑ Auto
Duplex	○ Half Duplex ○ Full Duplex ☑ Auto
MAC Address	0001.C7C7.9402

IP Configuration
IPv4 Address	100.10.10.1
Subnet Mask	255.0.0.0

Tx Ring Limit	10

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 192.168.0.100 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#ip address 100.10.10.1 255.0.0.0
Router(config-if)#
Router(config-if)#
Router(config-if)#exit
Router(config)#ip route 0.0.0.0 0.0.0.0 100.10.10.2
Router(config)#int fa0/0
Router(config-if)#ip nat inside
Router(config-if)#int fa0/1
Router(config-if)#ip nat inside
Router(config-if)#ip nat outside
Router(config-if)#exit
Router(config)#ip nat inside source static 192.168.0.1 100.10.11.1
Router(config)#ip nat inside source static 192.168.0.1 100.10.11.2
Router(config)#
```

Copy

```
C:\>ping 100.10.10.2

Pinging 100.10.10.2 with 32 bytes of data:

Reply from 192.168.0.100: Destination host unreachable.
Reply from 192.168.0.100: Destination host unreachable.
Reply from 192.168.0.100: Destination host unreachable.
Reply from 192.168.0.100: Destination host unreachable.

Ping statistics for 100.10.10.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```