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|--------------------|
| Settings |
| Algorithm Settings |
| INTERFACE |
| FastEthernet0 |
| Bluetooth |

| | |
|---|---|
| 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 | 000A.4199.4CE6 |
| IP Configuration | |
| <input type="radio"/> DHCP | |
| <input checked="" type="radio"/> Static | |
| IPv4 Address | 192.168.0.1 |
| Subnet Mask | 255.255.255.0 |
| IPv6 Configuration | |
| <input type="radio"/> Automatic | |
| <input checked="" type="radio"/> Static | |
| IPv6 Address | / |
| Link Local Address: | FE80::20A:41FF:FE99:4CE6 |

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

Port Status

Bandwidth

100 Mbps

10 Mbps

Auto

Duplex

Half Duplex

Full Duplex

Auto

MAC Address00E0.8F39.5BB5

IP Configuration

DHCP

Static

IPv4 Address192.168.0.2

Subnet Mask255.255.255.0

IPv6 Configuration

Automatic

Static

IPv6 Address/

Link Local Address: FE80::2E0:8FFF:FE39:5BB5

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 Address000C.8538.DE01

IP Configuration

IPv4 Address192.168.0.100

Subnet Mask255.255.255.0

Tx Ring Limit10

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 Address000C.8538.DE02

IP Configuration

IPv4 Address100.10.10.1

Subnet Mask255.0.0.0

Tx Ring Limit10

```
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)#access-list 1 permit 192.168.0.0 0.0.0.255
Router(config)#access-list 1 permit 192.168.0.0 0.0.0.255
Router(config)#ip nat pool white-address 100.10.11.77 100.10.11.99 netmask 255.255.255.0
Router(config)#ip nat inside source list 1 pool white-address
Router(config)#int fa0/0
Router(config-if)#ip nat inside
Router(config-if)#int fa0/1
Router(config-if)#ip nat outside
Router(config-if)#exit
Router(config)#
```

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☐ Top

```
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:\>
```



