



Router0

Physical Config CLI Attributes

IOS Command Line Interface

```
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#ip address 30.30.30.100 255.0.0.0
Router(config-if)#ip address 30.30.30.100 255.0.0.0
Router(config-if)#access-list 1 permit any
Router(config)#ip nat inside source list 1 interface fa0/1 overload
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)#
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#no shutdown
Router(config-if)#
%LINK-S-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-S-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-S-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-S-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
```

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Physical Config **Desktop** Programming Attributes

Command Prompt

X

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.100

Pinging 192.168.0.100 with 32 bytes of data:

Reply from 192.168.0.100: bytes=32 time<1ms TTL=255
Reply from 192.168.0.100: bytes=32 time<1ms TTL=255
Reply from 192.168.0.100: bytes=32 time<1ms TTL=255
Reply from 192.168.0.100: bytes=32 time<1ms TTL=255

Ping statistics for 192.168.0.100:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 30.30.30.100

Pinging 30.30.30.100 with 32 bytes of data:

Reply from 30.30.30.100: bytes=32 time<1ms TTL=255
Reply from 30.30.30.100: bytes=32 time<1ms TTL=255
Reply from 30.30.30.100: bytes=32 time<1ms TTL=255
Reply from 30.30.30.100: bytes=32 time<1ms TTL=255

Ping statistics for 30.30.30.100:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

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```
Router(config-if)#end
Router#
%SYS-5-CONFIG_I: Configured from console by console
ip
Translating "ip"...domain server (255.255.255.255)
% Unknown command or computer name, or unable to find computer address

Router#sh ip nat tr`
Router#sh ip nat tr`
Router#sh ip nat tr
Router#sh ip nat translations
Pro  Inside global      Inside local      Outside local      Outside global
udp  30.30.30.100:1025    30.30.30.100:1025  255.255.255.255:53  255.255.255.255:53

Router#
```

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