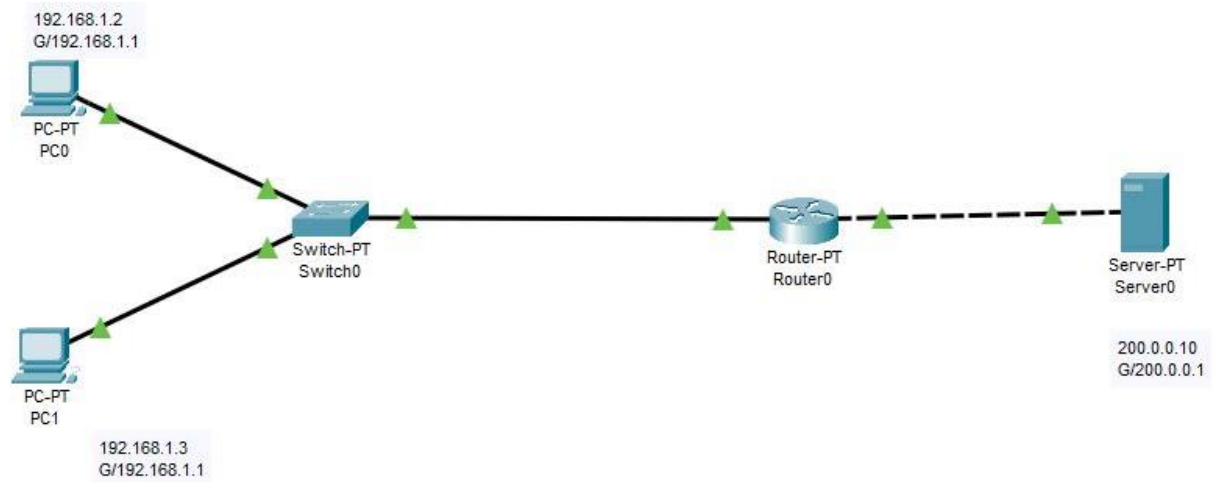


Topology:



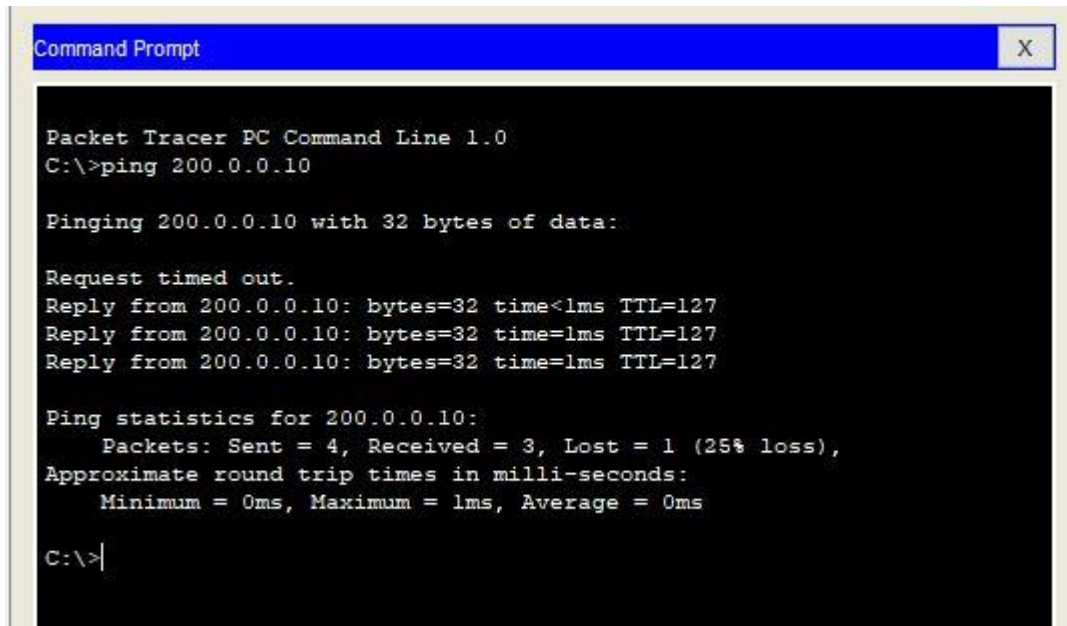
PC0 Configurations:

IP Configuration	
Interface	FastEthernet0
IP Configuration	
<input type="radio"/> DHCP	<input checked="" type="radio"/> Static
IP Address	192.168.1.2
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	0.0.0.0

PC1 Configurations:

IP Configuration	
Interface	FastEthernet0
IP Configuration	
<input type="radio"/> DHCP	<input checked="" type="radio"/> Static
IP Address	192.168.1.3
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	0.0.0.0

Ping Server:



```
Command Prompt

Packet Tracer PC Command Line 1.0
C:\>ping 200.0.0.10

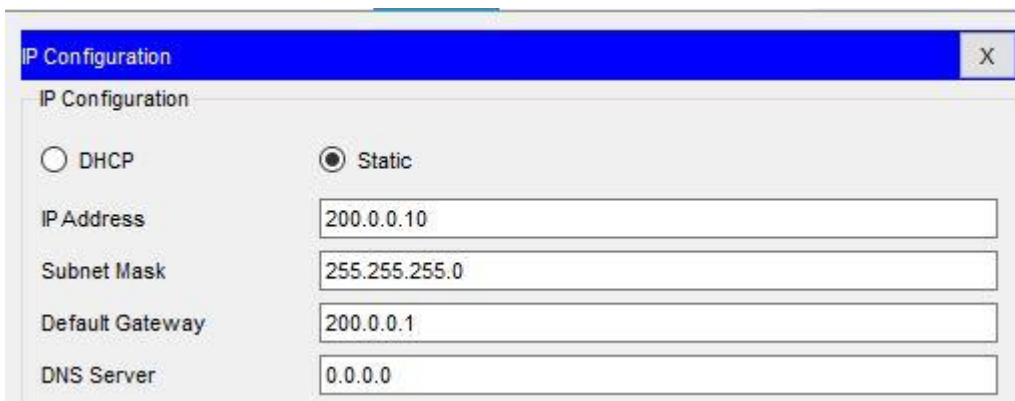
Pinging 200.0.0.10 with 32 bytes of data:

Request timed out.
Reply from 200.0.0.10: bytes=32 time<1ms TTL=127
Reply from 200.0.0.10: bytes=32 time=1ms TTL=127
Reply from 200.0.0.10: bytes=32 time=1ms TTL=127

Ping statistics for 200.0.0.10:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

Server Configurations:



IP Configuration	
<input type="radio"/> DHCP <input checked="" type="radio"/> Static	
IP Address	200.0.0.10
Subnet Mask	255.255.255.0
Default Gateway	200.0.0.1
DNS Server	0.0.0.0

PAT:

```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa0/0
Router(config-if)#ip add 192.168.1.1 255.255.255.0
Router(config-if)#no shut

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

Router(config-if)#int fa0/1
%Invalid interface type and number
Router(config)#int fa1/0
Router(config-if)#ip add 200.0.0.1 255.255.255.0
Router(config-if)#no shut

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0,
```

```
Router(config-if)#int fa0/0
Router(config-if)#ip nat inside
Router(config-if)#int fa1/0
Router(config-if)#ip nat outside
Router(config-if)#exit
Router(config)#access-list 1 permit 192.168.1.2 0.0.0.255
Router(config)#ip nat inside source list 1 int fa1/0 overload
Router(config)#show ip nat translations

^
% Invalid input detected at '^' marker.

Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
```

```
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show ip nat translations
Pro Inside global      Inside local      Outside local      Outside
global
icmp 200.0.0.1:1        192.168.1.2:1     200.0.0.10:1
200.0.0.10:1
icmp 200.0.0.1:2        192.168.1.2:2     200.0.0.10:2
200.0.0.10:2
icmp 200.0.0.1:3        192.168.1.2:3     200.0.0.10:3
200.0.0.10:3
icmp 200.0.0.1:4        192.168.1.2:4     200.0.0.10:4
200.0.0.10:4
```