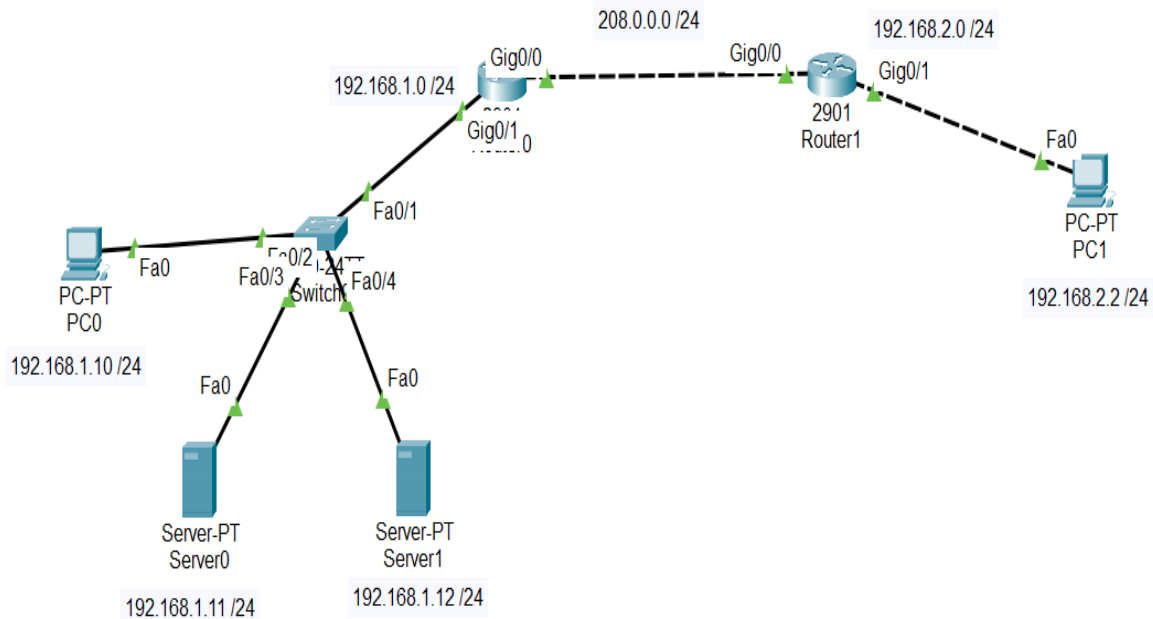


## BSIT 3-3



## NAT execution

```

Router>en
Router#debug ip icmp
ICMP packet debugging is on
Router#ping 192.168.1.11

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 192.168.1.11, timeout is 2 seconds:
!
ICMP: echo reply rcvd, src 208.0.0.11, dst 208.0.0.2
!
ICMP: echo reply rcvd, src 208.0.0.11, dst 208.0.0.2
!
ICMP: echo reply rcvd, src 208.0.0.11, dst 208.0.0.2
!
ICMP: echo reply rcvd, src 208.0.0.11, dst 208.0.0.2
!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/1 ms

Router#
ICMP: echo reply rcvd, src 208.0.0.11, dst 208.0.0.2

```

## ACL

Permission rule access:

```
Router#show access-list
Extended IP access list 101
 10 permit tcp host 192.168.2.2 host 208.0.0.11 eq www (12 match(es))
 20 deny icmp host 192.168.2.2 host 208.0.0.11 echo (8 match(es))

Router#
```

### Before ACL rule execution

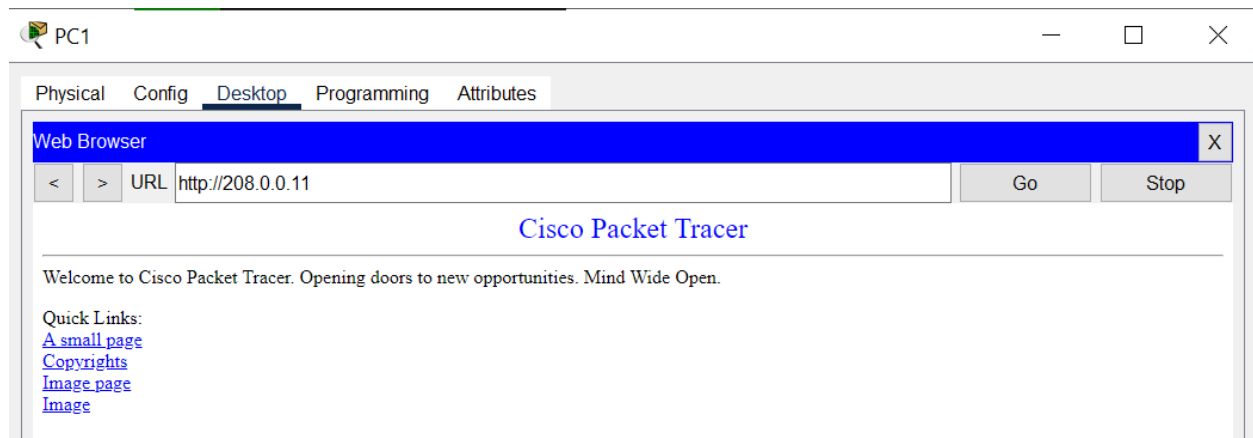
```
C:\>ping 192.168.1.11

Pinging 192.168.1.11 with 32 bytes of data:

Reply from 208.0.0.11: bytes=32 time<1ms TTL=126
Reply from 208.0.0.11: bytes=32 time<1ms TTL=126
Reply from 208.0.0.11: bytes=32 time<1ms TTL=126
Reply from 208.0.0.11: bytes=32 time<1ms TTL=126

Ping statistics for 192.168.1.11:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>|
```



## After executing the ACL rule

```
C:\>ping 208.0.0.11

Pinging 208.0.0.11 with 32 bytes of data:

Reply from 192.168.2.1: Destination host unreachable.
Reply from 192.168.2.1: Destination host unreachable.
Reply from 192.168.2.1: Destination host unreachable.
Reply from 192.168.2.1: Destination host unreachable.

Ping statistics for 208.0.0.11:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.1.11

Pinging 192.168.1.11 with 32 bytes of data:

Reply from 192.168.2.1: Destination host unreachable.
Reply from 192.168.2.1: Destination host unreachable.
Reply from 192.168.2.1: Destination host unreachable.
Reply from 192.168.2.1: Destination host unreachable.

Ping statistics for 192.168.1.11:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

