

***DCCN ISE***

### ***Team Participants***

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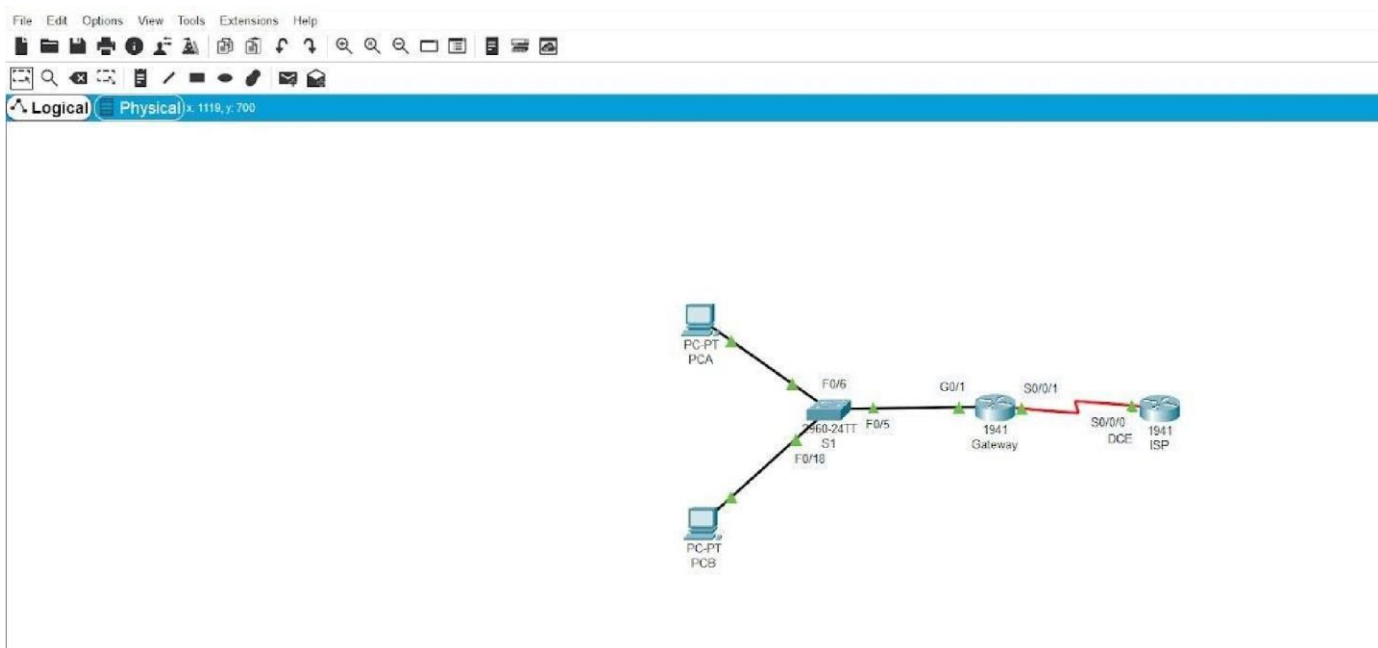
## ***DCCN ISE Task 1***

Date :

20/10/2020

**AIM:** To set up topology and verify end to end connectivity.

### ***Topology and Configuration:***



**Result:**

PCA

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.21

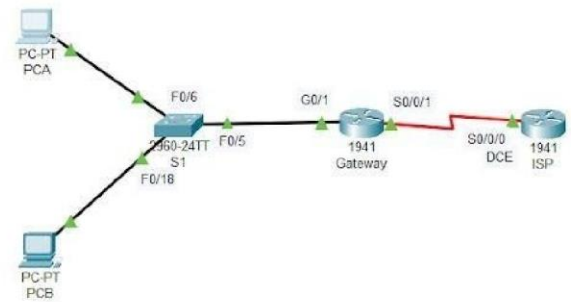
Pinging 192.168.1.21 with 32 bytes of data:

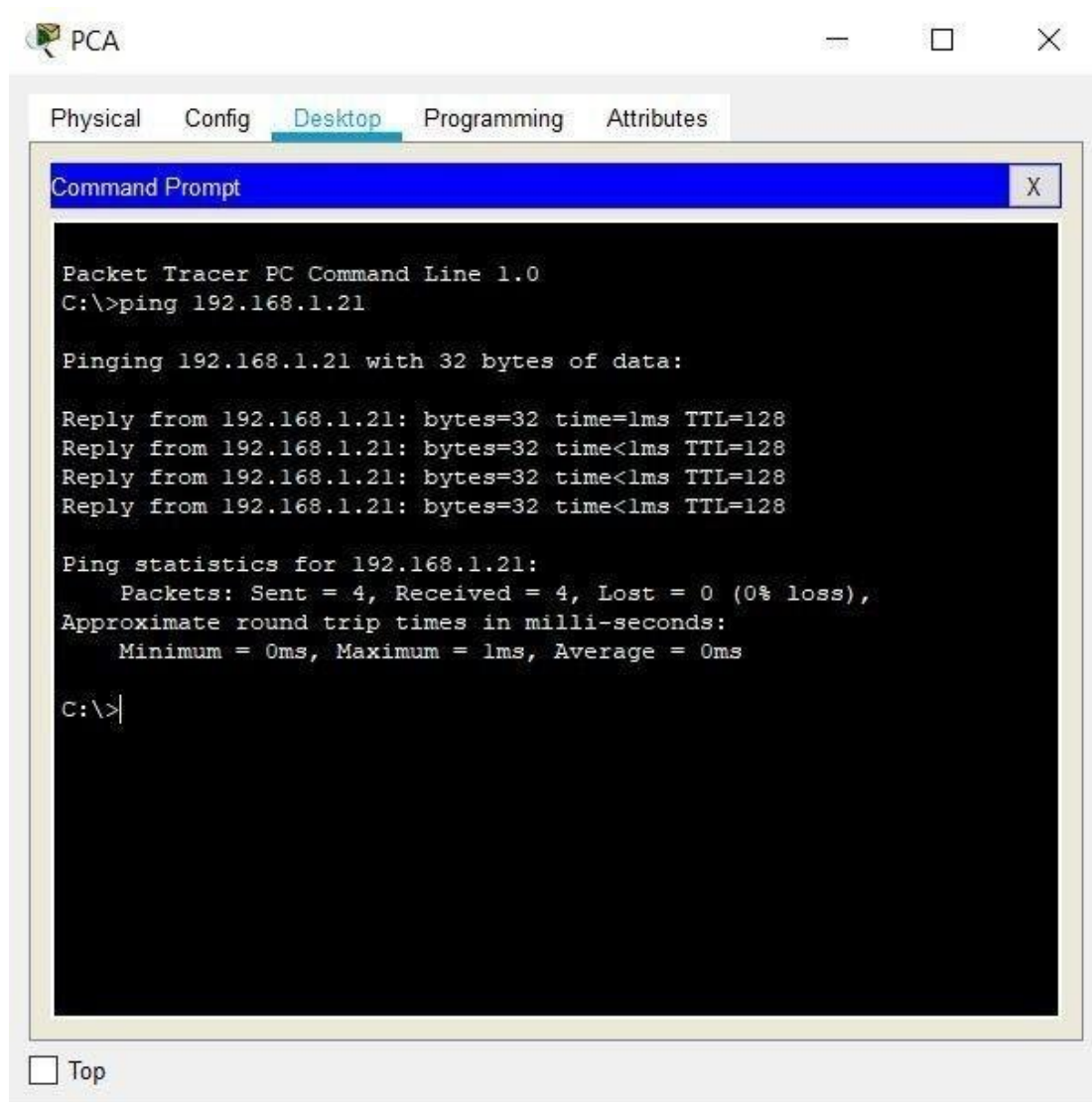
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

☐ Top





### **Conclusion:**

We successfully created topology, made and verified end to end connection in cisco packet tracer.

Task 2:



Gateway



Physical

Config

CLI

Attributes

IOS Command Line Interface

```
Gateway#show ip route
Codes: L - local, C - connected, S - static, R - RIP, M - mobile,
B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter
area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external
type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E -
EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

Gateway of last resort is not set

  192.168.1.0/24 is variably subnetted, 2 subnets, 2 masks
C       192.168.1.0/24 is directly connected, GigabitEthernet0/1
L       192.168.1.1/32 is directly connected, GigabitEthernet0/1
  209.165.201.0/24 is variably subnetted, 2 subnets, 2 masks
C       209.165.201.16/30 is directly connected, Serial0/0/1
L       209.165.201.18/32 is directly connected, Serial0/0/1

Gateway#
```

Ctrl+F6 to exit CLI focus

Copy

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Gateway

Physical Config CLI Attributes

## IOS Command Line Interface

```
Gateway#show ip route
Codes: L - local, C - connected, S - static, R - RIP, M - mobile,
B - BGP
      D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter
area
      N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external
type 2
      E1 - OSPF external type 1, E2 - OSPF external type 2, E -
EGP
      i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
      * - candidate default, U - per-user static route, o - ODR
      P - periodic downloaded static route

Gateway of last resort is 209.165.201.17 to network 0.0.0.0

      192.168.1.0/24 is variably subnetted, 2 subnets, 2 masks
C       192.168.1.0/24 is directly connected, GigabitEthernet0/1
L       192.168.1.1/32 is directly connected, GigabitEthernet0/1
      209.165.201.0/24 is variably subnetted, 2 subnets, 2 masks
C       209.165.201.16/30 is directly connected, Serial0/0/1
L       209.165.201.18/32 is directly connected, Serial0/0/1
S*    0.0.0.0/0 [1/0] via 209.165.201.17

Gateway#
```

Ctrl+F6 to exit CLI focus

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## IOS Command Line Interface

```
ISP#show ip route
Codes: L - local, C - connected, S - static, R - RIP, M - mobile,
B - BGP
      D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter
area
      N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external
type 2
      E1 - OSPF external type 1, E2 - OSPF external type 2, E -
EGP
      i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
      * - candidate default, U - per-user static route, o - ODR
      P - periodic downloaded static route

Gateway of last resort is not set

      192.31.7.0/32 is subnetted, 1 subnets
C      192.31.7.1/32 is directly connected, Loopback0
      209.165.200.0/27 is subnetted, 1 subnets
S      209.165.200.224/27 [1/0] via 209.165.201.18
      209.165.201.0/24 is variably subnetted, 2 subnets, 2 masks
C      209.165.201.16/30 is directly connected, Serial0/0/0
L      209.165.201.17/32 is directly connected, Serial0/0/0

ISP#
```

Ctrl+F6 to exit CLI focus

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Gateway



Physical Config CLI Attributes

### IOS Command Line Interface

```
EGP
  i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia -
IS-IS inter area
  * - candidate default, U - per-user static route, o - ODR
  P - periodic downloaded static route

Gateway of last resort is 209.165.201.17 to network 0.0.0.0

  192.168.1.0/24 is variably subnetted, 2 subnets, 2 masks
C    192.168.1.0/24 is directly connected, GigabitEthernet0/1
L    192.168.1.1/32 is directly connected, GigabitEthernet0/1
  209.165.201.0/24 is variably subnetted, 2 subnets, 2 masks
C    209.165.201.16/30 is directly connected, Serial0/0/1
L    209.165.201.18/32 is directly connected, Serial0/0/1
S*   0.0.0.0/0 [1/0] via 209.165.201.17

Gateway#config termianl
          ^
% Invalid input detected at '^' marker.

Gateway#config terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Gateway(config)#ip nat inside source static 192.168.1.20
209.165.200.225
Gateway(config)#
```

Ctrl+F6 to exit CLI focus

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Physical Config CLI Attributes

## IOS Command Line Interface

```
^
% Invalid input detected at '^' marker.

Gateway#config terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Gateway(config)#ip nat inside source static 192.168.1.20
209.165.200.225
Gateway(config)#interface g0/1
Gateway(config-if)#ip nat inside
Gateway(config-if)#interface s0/0/1
Gateway(config-if)#ip nat outside
Gateway(config-if)#exit
Gateway(config)#exit
Gateway#
%SYS-5-CONFIG_I: Configured from console by console

Gateway#show running-config startup-config
^
% Invalid input detected at '^' marker.

Gateway#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
Gateway#
```

Ctrl+F6 to exit CLI focus

Copy

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Physical Config CLI Attributes

## IOS Command Line Interface

```
Gateway(config)#ip nat inside source static 192.168.1.20
209.165.200.225
Gateway(config)#interface g0/1
Gateway(config-if)#ip nat inside
Gateway(config-if)#interface s0/0/1
Gateway(config-if)#ip nat outside
Gateway(config-if)#exit
Gateway(config)#exit
Gateway#
%SYS-5-CONFIG_I: Configured from console by console

Gateway#show running-config startup-config
^
% Invalid input detected at '^' marker.

Gateway#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
Gateway#show ip nat translation
Pro Inside global      Inside local      Outside local
Outside global
--- 209.165.200.225    192.168.1.20      ---              ---
Gateway#
```

Ctrl+F6 to exit CLI focus

Copy

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## Command Prompt

```
Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time<1ms TTL=255
Reply from 192.168.1.1: bytes=32 time<1ms TTL=255
Reply from 192.168.1.1: bytes=32 time<1ms TTL=255
Reply from 192.168.1.1: bytes=32 time<1ms TTL=255

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>PING 192.31.7.1

Pinging 192.31.7.1 with 32 bytes of data:

Reply from 192.31.7.1: bytes=32 time=1ms TTL=254
Reply from 192.31.7.1: bytes=32 time=1ms TTL=254
Reply from 192.31.7.1: bytes=32 time=1ms TTL=254
Reply from 192.31.7.1: bytes=32 time=1ms TTL=254

Ping statistics for 192.31.7.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms

C:\> |
```

☐ Top

## IOS Command Line Interface

```
Gateway#show running-config startup-config
^
% Invalid input detected at '^' marker.

Gateway#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
Gateway#show ip nat translation
Pro Inside global      Inside local      Outside local      Outside global
--- 209.165.200.225    192.168.1.20      ---               ---

Gateway#show ip nat translation
Pro Inside global      Inside local      Outside local      Outside global
--- 209.165.200.225    192.168.1.20      ---               ---

Gateway#show ip nat translation
Pro Inside global      Inside local      Outside local      Outside global
icmp 209.165.200.225:10 192.168.1.20:10  192.31.7.1:10    192.31.7.1:10
icmp 209.165.200.225:11 192.168.1.20:11  192.31.7.1:11    192.31.7.1:11
icmp 209.165.200.225:12 192.168.1.20:12  192.31.7.1:12    192.31.7.1:12
icmp 209.165.200.225:9  192.168.1.20:9   192.31.7.1:9     192.31.7.1:9
--- 209.165.200.225    192.168.1.20      ---               ---

Gateway# |
```

Ctrl+F6 to exit CLI focus

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Physical Config Desktop Programming Attributes

Command Prompt

```
Minimum = 1ms, Maximum = 1ms, Average = 1ms

C:\>PING 192.31.7.1

Pinging 192.31.7.1 with 32 bytes of data:

Reply from 192.31.7.1: bytes=32 time=1ms TTL=254
Reply from 192.31.7.1: bytes=32 time=1ms TTL=254
Reply from 192.31.7.1: bytes=32 time=1ms TTL=254
Reply from 192.31.7.1: bytes=32 time=8ms TTL=254

Ping statistics for 192.31.7.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 8ms, Average = 2ms

C:\>telnet 192.31.7.1
Trying 192.31.7.1 ...Open
Unauthorized access is strictly prohibited.

User Access Verification

Password:
ISP>enable
Password:
ISP#
```

☐ Top

Gateway

PhysicalConfigCLIAttributes

IOS Command Line Interface

Destination filename [startup-config]:  
Building configuration...  
[OK]  
Gateway#show ip nat translation  

Pro	Inside global	Inside local	Outside local	Outside global
---	209.165.200.225	192.168.1.20	---	---

  
Gateway#show ip nat translation  

Pro	Inside global	Inside local	Outside local	Outside global
---	209.165.200.225	192.168.1.20	---	---

  
Gateway#show ip nat translation  

Pro	Inside global	Inside local	Outside local	Outside global
icmp	209.165.200.225:101	192.168.1.20:10	192.31.7.1:10	192.31.7.1:10
icmp	209.165.200.225:111	192.168.1.20:11	192.31.7.1:11	192.31.7.1:11
icmp	209.165.200.225:121	192.168.1.20:12	192.31.7.1:12	192.31.7.1:12
icmp	209.165.200.225:9	192.168.1.20:9	192.31.7.1:9	192.31.7.1:9
---	209.165.200.225	192.168.1.20	---	---

  
Gateway#show ip nat translation  

Pro	Inside global	Inside local	Outside local	Outside global
---	209.165.200.225	192.168.1.20	---	---
tcp	209.165.200.225:10251	192.168.1.20:1025	192.31.7.1:23	192.31.7.1:23

  
Gateway#

Ctrl+F6 to exit CLI focus

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ISP

PhysicalConfigCLIAttributes

IOS Command Line Interface

Unauthorized access is strictly prohibited.  
User Access Verification  
Password:  
ISP>enable  
Password:  
ISP#ping 209.165.200.225  
  
Type escape sequence to abort.  
Sending 5, 100-byte ICMP Echos to 209.165.200.225, timeout is 2 seconds:  
!!!!  
Success rate is 100 percent (5/5), round-trip min/avg/max = 1/2/6 ms  
ISP#

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Physical Config CLI Attributes

## IOS Command Line Interface

```
Gateway#show ip nat translation
Pro Inside global      Inside local      Outside local      Outside global
icmp 209.165.200.225:10 192.168.1.20:10   192.31.7.1:10     192.31.7.1:10
icmp 209.165.200.225:11 192.168.1.20:11   192.31.7.1:11     192.31.7.1:11
icmp 209.165.200.225:12 192.168.1.20:12   192.31.7.1:12     192.31.7.1:12
icmp 209.165.200.225:9  192.168.1.20:9    192.31.7.1:9      192.31.7.1:9
--- 209.165.200.225    192.168.1.20     ---               ---

Gateway#show ip nat translation
Pro Inside global      Inside local      Outside local      Outside global
--- 209.165.200.225    192.168.1.20     ---               ---
tcp 209.165.200.225:1025 192.168.1.20:1025 192.31.7.1:23     192.31.7.1:23

Gateway#show ip nat translation
Pro Inside global      Inside local      Outside local      Outside global
icmp 209.165.200.225:1 192.168.1.20:1    209.165.201.17:1   209.165.201.17:1
icmp 209.165.200.225:2 192.168.1.20:2    209.165.201.17:2   209.165.201.17:2
icmp 209.165.200.225:3 192.168.1.20:3    209.165.201.17:3   209.165.201.17:3
icmp 209.165.200.225:4 192.168.1.20:4    209.165.201.17:4   209.165.201.17:4
icmp 209.165.200.225:5 192.168.1.20:5    209.165.201.17:5   209.165.201.17:5
--- 209.165.200.225    192.168.1.20     ---               ---
tcp 209.165.200.225:1025 192.168.1.20:1025 192.31.7.1:23     192.31.7.1:23

Gateway#
```

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Gateway

Physical

Config

CLI

Attributes

IOS Command Line Interface

--- 209.165.200.225 192.168.1.20 --- ---

Gateway#show ip nat translation

Pro	Inside global	Inside local	Outside local	Outside global
---	209.165.200.225	192.168.1.20	---	---
tcp	209.165.200.225:1025	192.168.1.20:1025	192.31.7.1:23	192.31.7.1:23

Gateway#show ip nat translation

Pro	Inside global	Inside local	Outside local	Outside global
icmp	209.165.200.225:1	192.168.1.20:1	209.165.201.17:1	209.165.201.17:1
icmp	209.165.200.225:2	192.168.1.20:2	209.165.201.17:2	209.165.201.17:2
icmp	209.165.200.225:3	192.168.1.20:3	209.165.201.17:3	209.165.201.17:3
icmp	209.165.200.225:4	192.168.1.20:4	209.165.201.17:4	209.165.201.17:4
icmp	209.165.200.225:5	192.168.1.20:5	209.165.201.17:5	209.165.201.17:5
---	209.165.200.225	192.168.1.20	---	---
tcp	209.165.200.225:1025	192.168.1.20:1025	192.31.7.1:23	192.31.7.1:23

Gateway#show ip nat statistics

Total translations: 2 (1 static, 1 dynamic, 1 extended)

Outside Interfaces: Serial0/0/1

Inside Interfaces: GigabitEthernet0/1

Hits: 78 Misses: 14

Expired translations: 13

Dynamic mappings:

Gateway#

Ctrl+F6 to exit CLI focus

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Task 3:

Physical Config CLI Attributes

#### IOS Command Line Interface

```
2 Low-speed serial(sync/async) network interface(s)
DRAM configuration is 64 bits wide with parity disabled.
255K bytes of non-volatile configuration memory.
249856K bytes of ATA System CompactFlash 0 (Read/Write)

Press RETURN to get started!

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up
%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/1, changed state to up

Unauthorized access is strictly prohibited.

User Access Verification

Password:

Gateway>enable
Password:
Password:
Gateway#clear ip nat translation *
Gateway#clear IP NAT
% Incomplete command.
Gateway#clear ip nat statistics
      ^
% Invalid input detected at '^' marker.

Gateway#clear ip nat statistics
      ^
% Invalid input detected at '^' marker.
```

Ctrl+F6 to exit CLI focus

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[Physical](#)[Config](#)[CLI](#)[Attributes](#)

## IOS Command Line Interface

```
Password:
Gateway#clear ip nat translation *
Gateway#clear IP NAT
% Incomplete command.
Gateway#clear ip nat statistics
      ^
% Invalid input detected at '^' marker.

Gateway#clear ip nat statistics
      ^
% Invalid input detected at '^' marker.

Gateway#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gateway(config)#access-list 1 permit 192.168.1.0 0.0.0.255
Gateway(config)#show ip nat statistics
      ^
% Invalid input detected at '^' marker.

Gateway(config)#^Z
Gateway#
%SYS-5-CONFIG_I: Configured from console by console

Gateway#show ip nat statistics
Total translations: 1 (1 static, 0 dynamic, 0 extended)
Outside Interfaces: Serial0/0/1
Inside Interfaces: GigabitEthernet0/1
Hits: 0 Misses: 0
Expired translations: 0
Dynamic mappings:
Gateway#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gateway(config)#ip nat pool public_access 209.165.200.242 209.165.200.254 netmask 255.255.255.224
Gateway(config)#ip nat inside source list 1 pool public_access
Gateway(config)#
```

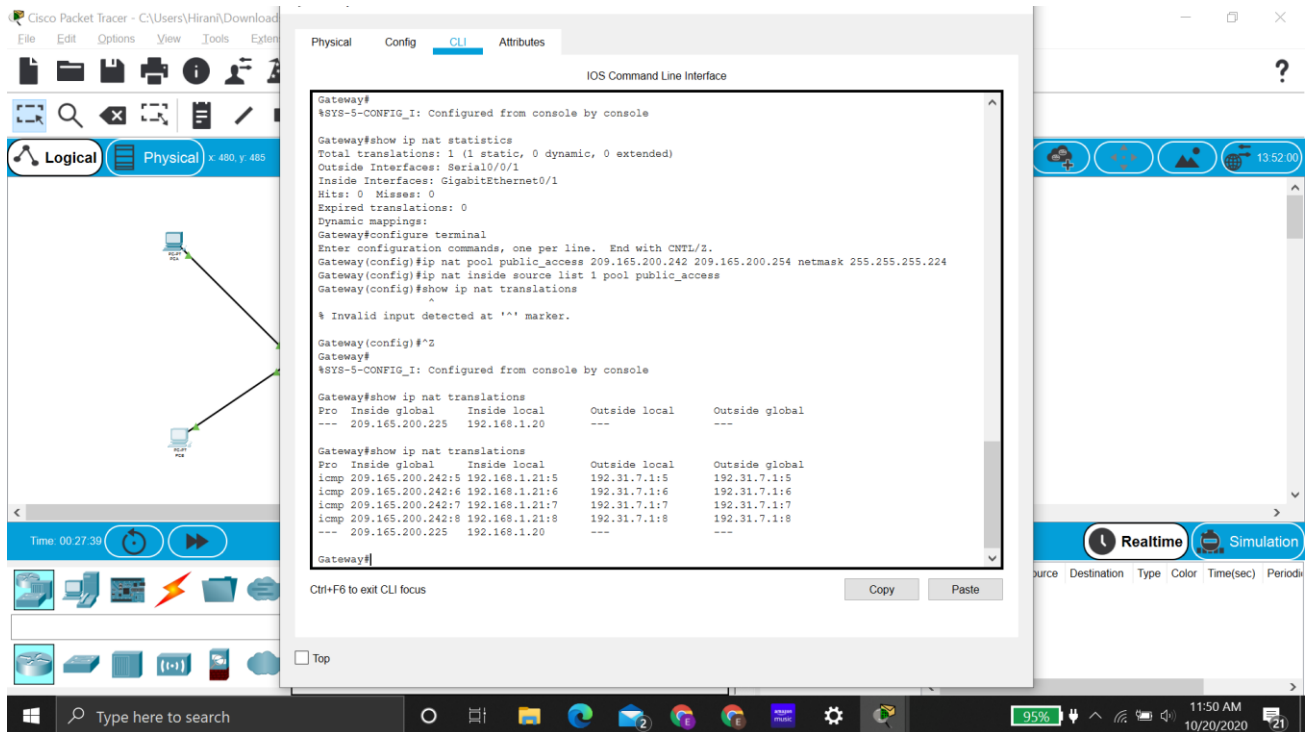
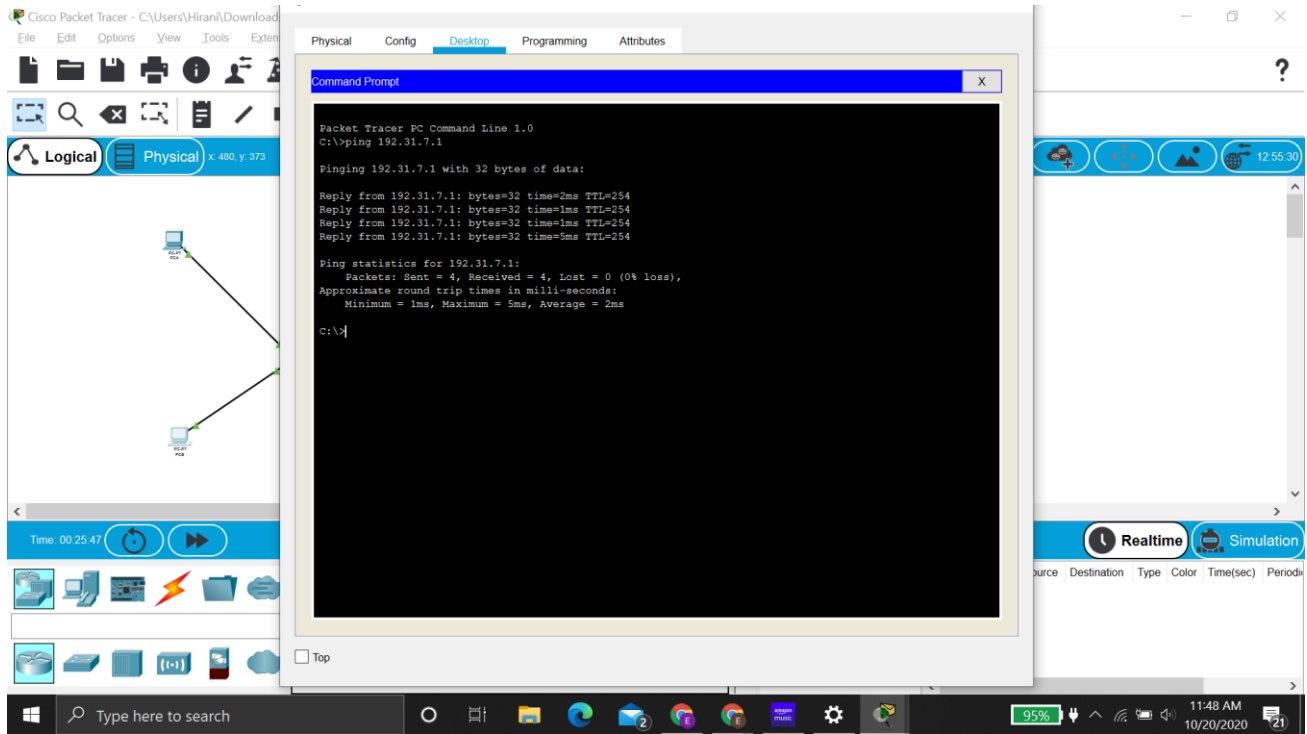
Ctrl+F6 to exit CLI focus

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Cisco Packet Tracer - C:\Users\Hiran\Download

File Edit Options View Tools Extensions

Logical Physical x 480, y 485

Time: 00:31:18

Realtime Simulation

Source Destination Type Color Time(sec) Periodic

IOS Command Line Interface

```
Gateway#
#SYS-5-CONFIG_I: Configured from console by console

Gateway#show ip nat statistics
Total translations: 1 (1 static, 0 dynamic, 0 extended)
Outside Interfaces: Serial0/0/1
Inside Interfaces: GigabitEthernet0/1
Hits: 0 Misses: 0
Expired translations: 0
Dynamic mappings:
Gateway#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gateway(config)#ip nat pool public_access 209.165.200.242 209.165.200.254 netmask 255.255.255.224
Gateway(config)#ip nat inside source list 1 pool public_access
Gateway(config)#show ip nat translations
^
% Invalid input detected at '^' marker.

Gateway(config)#^Z
Gateway#
#SYS-5-CONFIG_I: Configured from console by console

Gateway#show ip nat translations
Pro Inside global Inside local Outside local Outside global
--- 209.165.200.225 192.168.1.20 --- ---

Gateway#show ip nat translations
Pro Inside global Inside local Outside local Outside global
icmp 209.165.200.242:5 192.168.1.21:5 192.31.7.1:5 192.31.7.1:5
icmp 209.165.200.242:6 192.168.1.21:6 192.31.7.1:6 192.31.7.1:6
icmp 209.165.200.242:7 192.168.1.21:7 192.31.7.1:7 192.31.7.1:7
icmp 209.165.200.242:8 192.168.1.21:8 192.31.7.1:8 192.31.7.1:8
--- 209.165.200.225 192.168.1.20 --- ---

Gateway#
```

Ctrl+F6 to exit CLI focus

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## IOS Command Line Interface

```
Gateway(config)#^Z
Gateway#
%SYS-5-CONFIG_I: Configured from console by console

Gateway#show ip nat statistics
Total translations: 1 (1 static, 0 dynamic, 0 extended)
Outside Interfaces: Serial0/0/1
Inside Interfaces: GigabitEthernet0/1
Hits: 0 Misses: 0
Expired translations: 0
Dynamic mappings:
Gateway#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gateway(config)#ip nat pool public_access 209.165.200.242 209.165.200.254 netmask 255.255.255.224
Gateway(config)#ip nat inside source list 1 pool public_access
Gateway(config)#show ip nat translations
      ^
% Invalid input detected at '^' marker.

Gateway(config)#^Z
Gateway#
%SYS-5-CONFIG_I: Configured from console by console

Gateway#show ip nat translations
Pro  Inside global    Inside local    Outside local    Outside global
---  ---                ---            ---            ---
icmp 209.165.200.242:5  192.168.1.21:5  192.31.7.1:5     192.31.7.1:5
icmp 209.165.200.242:6 192.168.1.21:6  192.31.7.1:6     192.31.7.1:6
icmp 209.165.200.242:7 192.168.1.21:7  192.31.7.1:7     192.31.7.1:7
icmp 209.165.200.242:8 192.168.1.21:8  192.31.7.1:8     192.31.7.1:8
---  209.165.200.225    192.168.1.20    ---            ---
```

Ctrl+F6 to exit CLI focus

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Cisco Packet Tracer - C:\Users\Hiran\Download

File Edit Options View Tools Extensions

Logical Physical x 480, y 485

Time: 00:38:56

IOS Command Line Interface

```
Hits: 0 Misses: 0
Expired translations: 0
Dynamic mappings:
Gateway(config)#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gateway(config)#ip nat pool public_access 209.165.200.242 209.165.200.254 netmask 255.255.255.224
Gateway(config)#ip nat inside source list 1 pool public_access
Gateway(config)#show ip nat translations

% Invalid input detected at '^' marker.

Gateway(config)#^Z
Gateway#
%SYS-5-CONFIG_I: Configured from console by console

Gateway#show ip nat translations
Pro Inside global Inside local Outside local Outside global
--- 209.165.200.225 192.168.1.20 --- ---

Gateway#show ip nat translations
Pro Inside global Inside local Outside local Outside global
icmp 209.165.200.242:5 192.168.1.21:5 192.31.7.1:5 192.31.7.1:5
icmp 209.165.200.242:6 192.168.1.21:6 192.31.7.1:6 192.31.7.1:6
icmp 209.165.200.242:7 192.168.1.21:7 192.31.7.1:7 192.31.7.1:7
icmp 209.165.200.242:8 192.168.1.21:8 192.31.7.1:8 192.31.7.1:8
--- 209.165.200.225 192.168.1.20 --- ---

Gateway#running-config
Translating "running-config"
% Unknown command or computer name, or unable to find computer address

Gateway#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gateway(config)#no ip nat inside source static 192.168.1.20 209.165.200.225
Gateway(config)#
```

Ctrl+F6 to exit CLI focus

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Realtime Simulation

Source Destination Type Color Time(sec) Period

12:01 PM 10/20/2020

Cisco Packet Tracer - C:\Users\Hiran\Download

File Edit Options View Tools Extensions

Logical Physical x 480, y 485

Time: 00:40:31

IOS Command Line Interface

```
--- 209.165.200.225 192.168.1.20 --- ---

Gateway#show ip nat translations
Pro Inside global Inside local Outside local Outside global
icmp 209.165.200.242:5 192.168.1.21:5 192.31.7.1:5 192.31.7.1:5
icmp 209.165.200.242:6 192.168.1.21:6 192.31.7.1:6 192.31.7.1:6
icmp 209.165.200.242:7 192.168.1.21:7 192.31.7.1:7 192.31.7.1:7
icmp 209.165.200.242:8 192.168.1.21:8 192.31.7.1:8 192.31.7.1:8
--- 209.165.200.225 192.168.1.20 --- ---

Gateway#running-config
Translating "running-config"
% Unknown command or computer name, or unable to find computer address

Gateway#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gateway(config)#no ip nat inside source static 192.168.1.20 209.165.200.225
Gateway(config)#clear ip nat translations

% Invalid input detected at '^' marker.

Gateway(config)#clear ip nat translations^Z
Gateway#
%SYS-5-CONFIG_I: Configured from console by console

Gateway#clear ip nat translations*
^
% Invalid input detected at '^' marker.

Gateway#clear ip nat translations *
^
% Invalid input detected at '^' marker.

Gateway#clear ip nat translation *
^
Gateway#
```

Ctrl+F6 to exit CLI focus

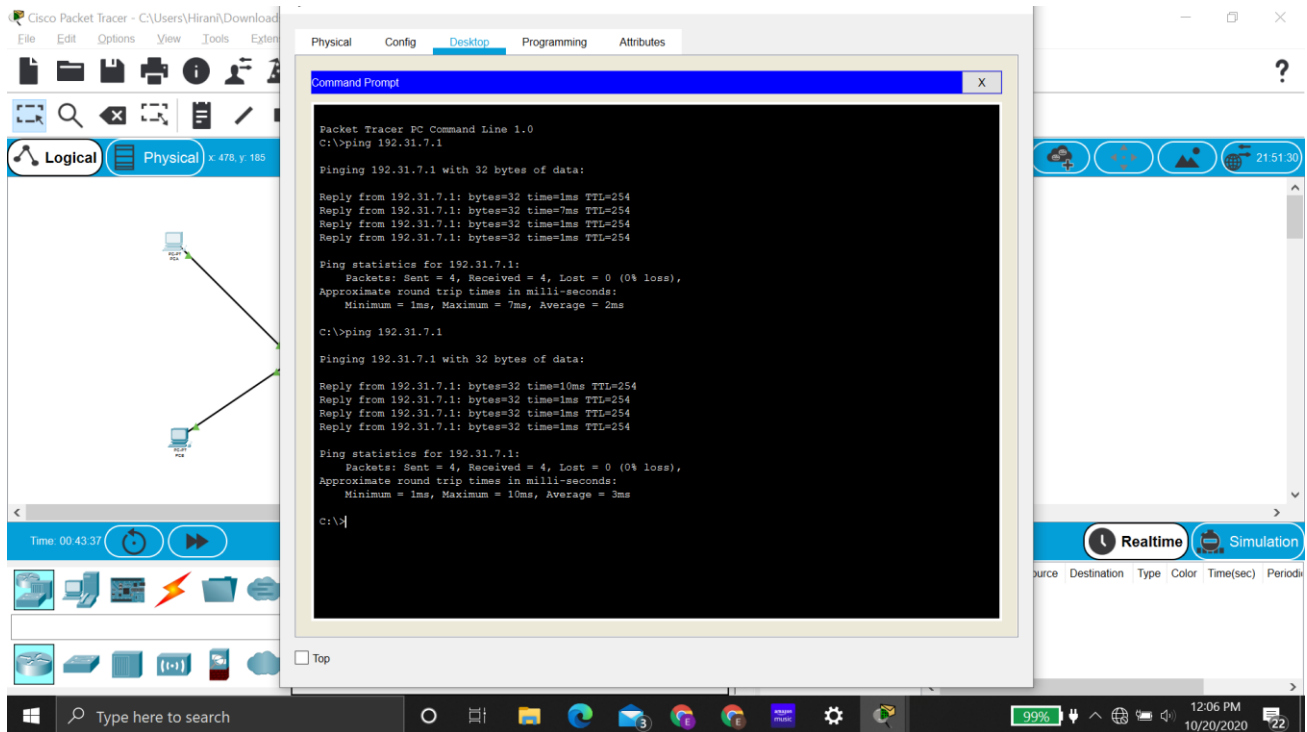
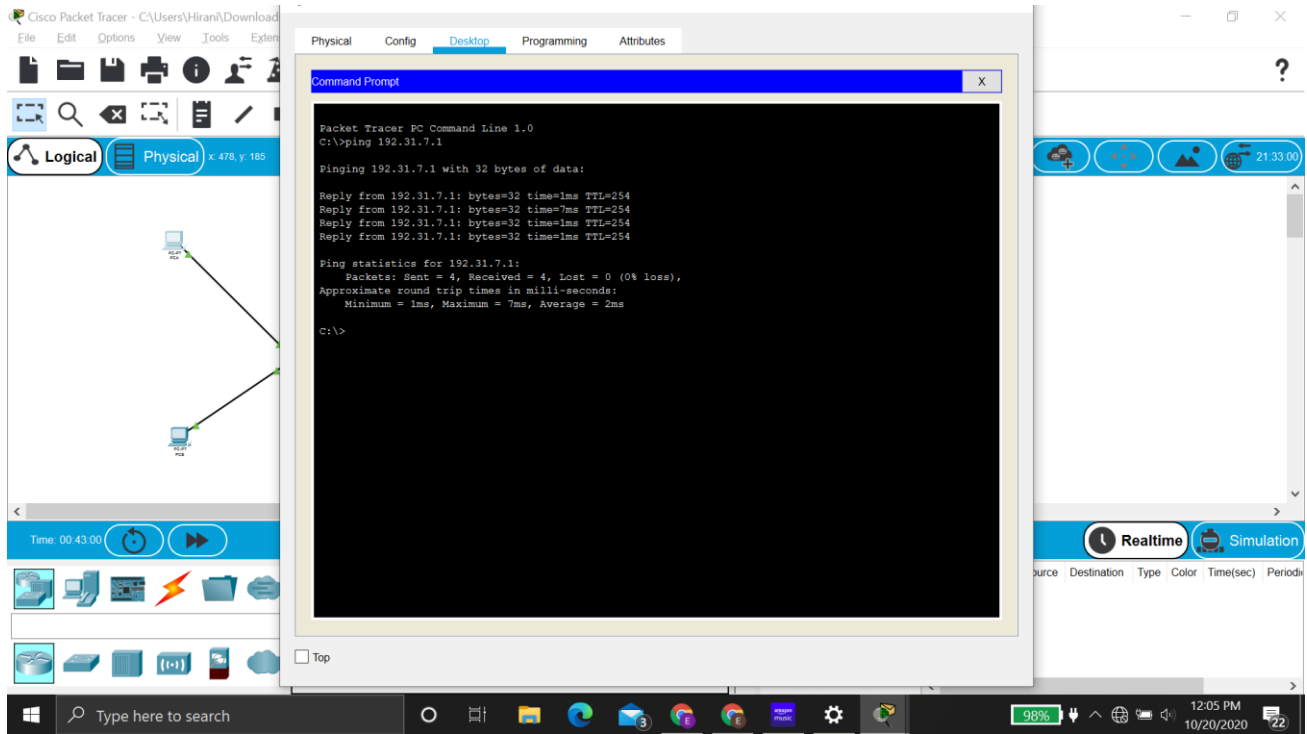
Copy Paste

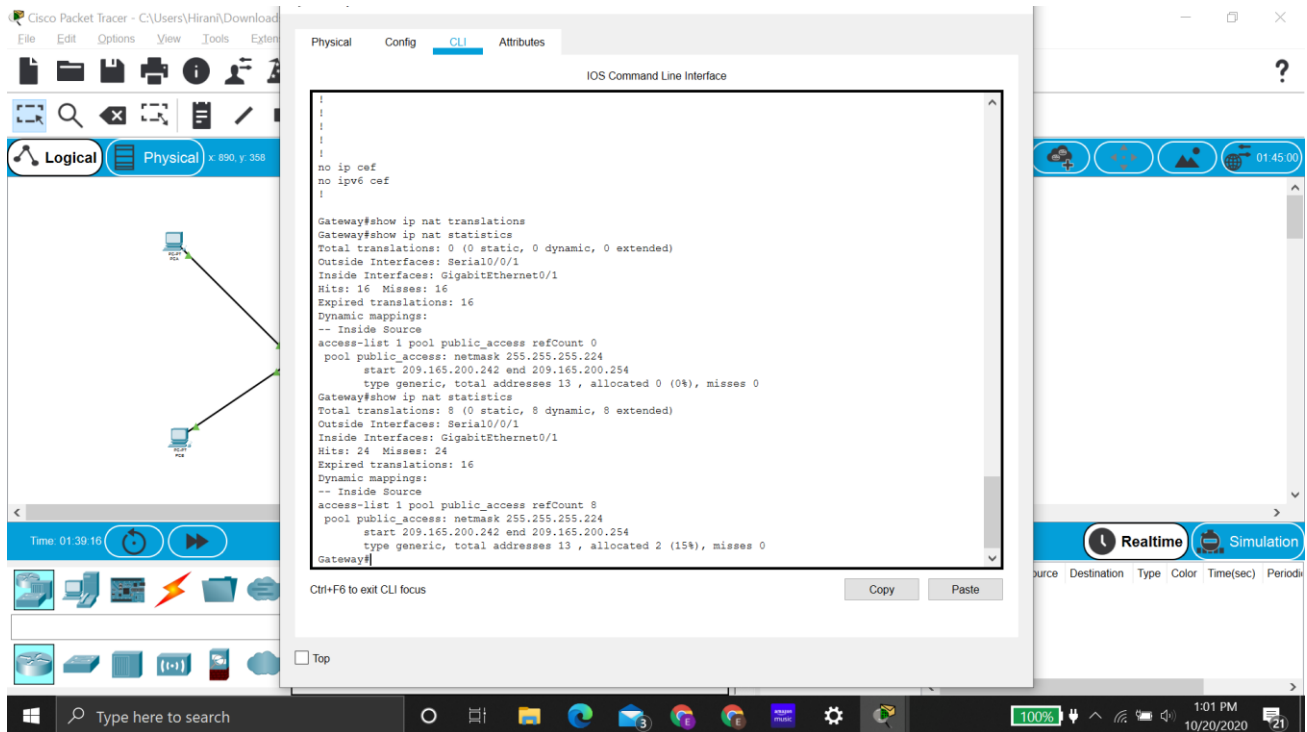
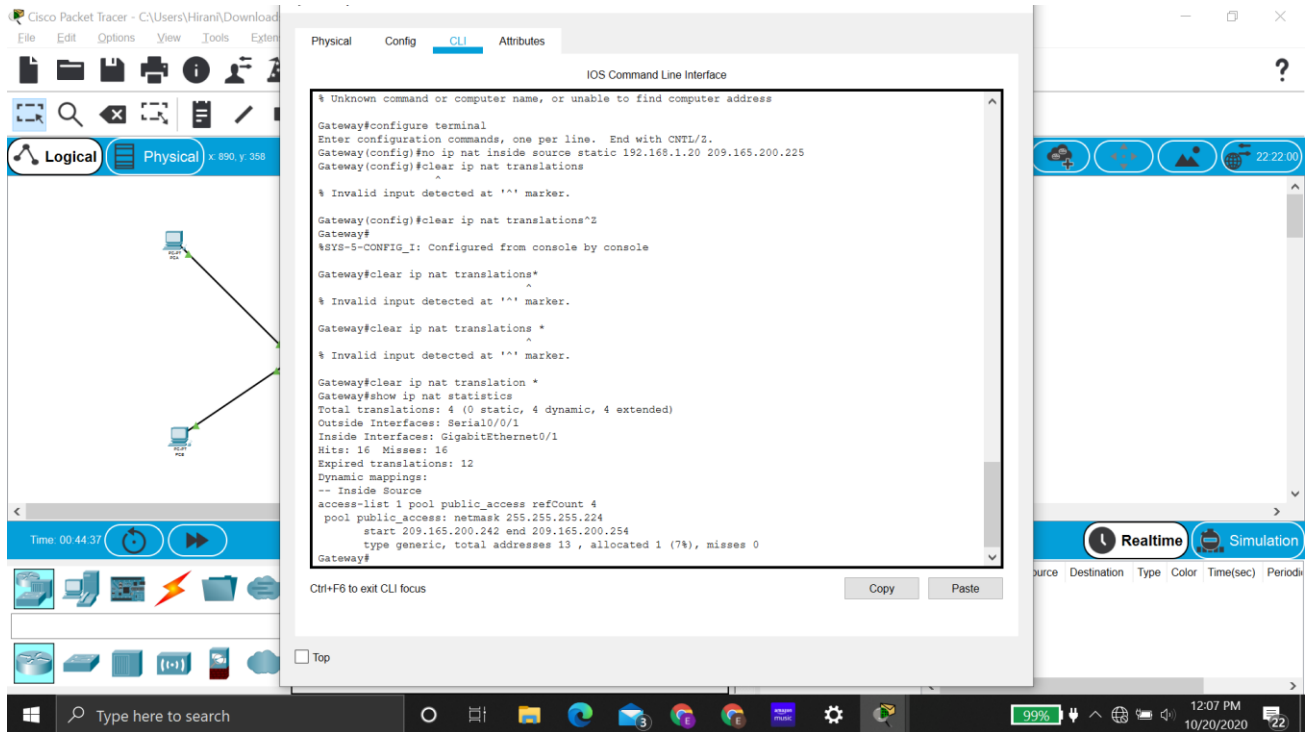
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Realtime Simulation

Source Destination Type Color Time(sec) Period

12:02 PM 10/20/2020





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File Edit Options View Tools Extensions

Logical Physical x 890, y 358

Time: 01:39:23

IOS Command Line Interface

```
Total translations: 0 (0 static, 0 dynamic, 0 extended)
Outside Interfaces: Serial0/0/1
Inside Interfaces: GigabitEthernet0/1
Hits: 16 Misses: 16
Expired translations: 16
Dynamic mappings:
-- Inside Source
access-list 1 pool public_access refCount 0
pool public_access: netmask 255.255.255.224
start 209.165.200.242 end 209.165.200.254
type generic, total addresses 13 , allocated 0 (0%), misses 0
Gateway#show ip nat statistics
Total translations: 8 (0 static, 8 dynamic, 8 extended)
Outside Interfaces: Serial0/0/1
Inside Interfaces: GigabitEthernet0/1
Hits: 24 Misses: 24
Expired translations: 16
Dynamic mappings:
-- Inside Source
access-list 1 pool public_access refCount 8
pool public_access: netmask 255.255.255.224
start 209.165.200.242 end 209.165.200.254
type generic, total addresses 13 , allocated 2 (15%), misses 0
Gateway#show ip nat translations
Pro Inside global Inside local Outside local Outside global
icmp 209.165.200.242:10192.168.1.20:10 192.31.7.1:10 192.31.7.1:10
icmp 209.165.200.242:11192.168.1.20:11 192.31.7.1:11 192.31.7.1:11
icmp 209.165.200.242:12192.168.1.20:12 192.31.7.1:12 192.31.7.1:12
icmp 209.165.200.242:9 192.168.1.20:9 192.31.7.1:9 192.31.7.1:9
icmp 209.165.200.243:10192.168.1.21:10 192.31.7.1:10 192.31.7.1:10
icmp 209.165.200.243:11192.168.1.21:11 192.31.7.1:11 192.31.7.1:11
icmp 209.165.200.243:12192.168.1.21:12 192.31.7.1:12 192.31.7.1:12
icmp 209.165.200.243:9 192.168.1.21:9 192.31.7.1:9 192.31.7.1:9
Gateway#
```

Ctrl+F6 to exit CLI focus

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Realtime Simulation

Source Destination Type Color Time(sec) Period

100%

1:01 PM 10/20/2020