

Prática 04 – Endereçamento e Roteamento Estático

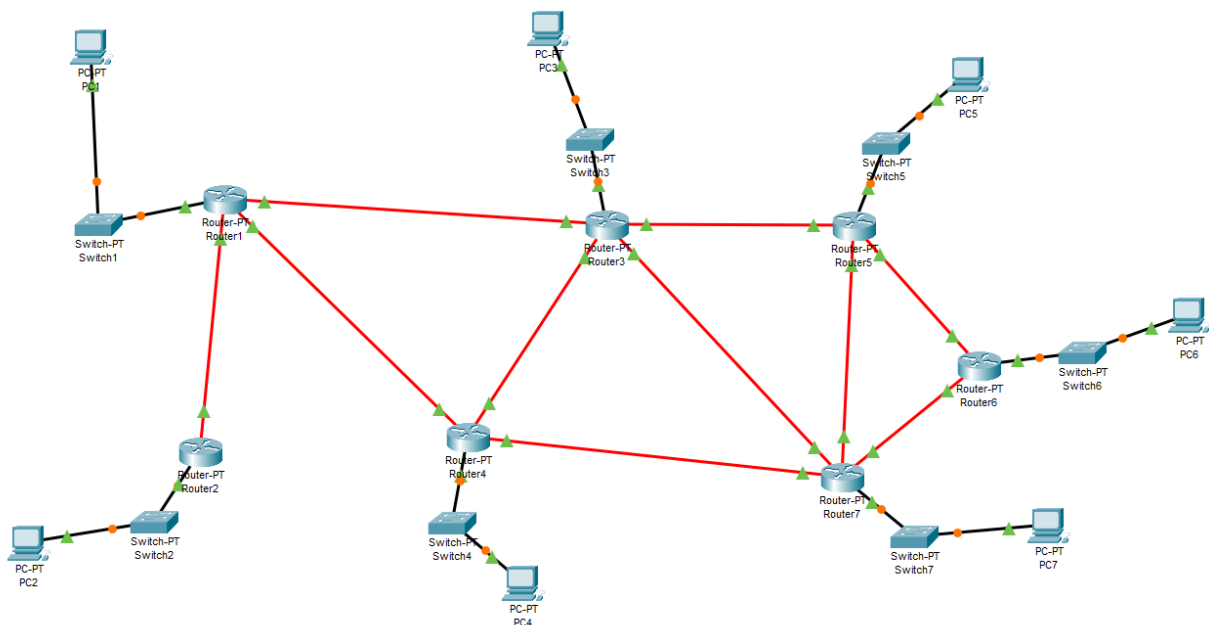
Recomendações:

- A atividade pode ser realizada em dupla.
- Considere duas faixas de IP para endereçamento dos dispositivos: X.0.0.0/16 (redes para sistemas finais) e Y.0.0.0/16 (redes entre roteadores).
- No lugar de X considere os últimos 3 algarismos da matrícula de um dos componentes da dupla e para Y os últimos 3 algarismos da matrícula do outro componente.
- Se for apenas um aluno X deve usar os últimos 3 algarismos da matrícula e Y os últimos 3 algarismos da matrícula+1.

Material a ser entregue:

- Documento com os prints e respostas dos questionamentos
- Projeto do Packet Tracer gerado pela dupla.
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1. Interligue todos os roteadores de tal forma que a seguinte topologia seja estabelecida:



Utilize as seguintes interfaces para realizar a ligação entre os elementos.

- Roteadores devem ser conectados entre si através de enlaces de fibra óptica (apresentados em vermelho)
- PC, switches e interfaces locais dos roteadores devem ser interligados através de enlaces de cabos de par trançado.

2. Defina a estrutura de endereçamento das redes para os sistemas finais considerando as seguintes restrições:

Rede	Quantidade de Hosts	Endereço Atribuído
Rede 1	$X+Y = 144$	55.0.0.0/24
Rede 2	$X = 55$	55.0.1.0/26
Rede 3	$Y = 89$	55.0.2.0/25
Rede 4	$X \bmod Y = 55$	55.0.3.0/26
Rede 5	11	55.0.4.0/28
Rede 6	22	55.0.5.0/27
Rede 7	28	55.0.6.0/27

3. Defina as faixas de endereço que serão utilizadas para a interligação dos roteadores que fazem parte da infraestrutura do sistema.

PREENCHA A TABELA COM AS INDICAÇÕES DAS REDES E DOS ENDEREÇOS USADOS POR CADA ROTEADOR

Faixa de endereços alocada	Roteador origem/Endereço	Roteador destino/Endereço
89.0.0.0/30 - 89.0.0.3/30	RT-1 / 89.0.0.1/30	RT-2 / 89.0.0.2/30
89.0.0.4/30 - 89.0.0.7/30	RT-1 / 89.0.0.5/30	RT-3 / 89.0.0.6/30
89.0.0.8/30 - 89.0.0.11/30	RT-1 / 89.0.0.9/30	RT-4 / 89.0.0.10/30
89.0.0.0/30 - 89.0.0.3/30	RT-2 / 89.0.0.2/30	RT-1 / 89.0.0.1/30
89.0.0.4/30 - 89.0.0.7/30	RT-3 / 89.0.0.6/30	RT-1 / 89.0.0.5/30
89.0.0.12/30 - 89.0.0.15/30	RT-3 / 89.0.0.13/30	RT-4 / 89.0.0.14/30
89.0.0.16/30 - 89.0.0.19/30	RT-3 / 89.0.0.17/30	RT-5 / 89.0.0.18/30
89.0.0.20/30 - 89.0.0.23/30	RT-3 / 89.0.0.21/30	RT-7 / 89.0.0.22/30
89.0.0.8/30 - 89.0.0.11/30	RT-4 / 89.0.0.10/30	RT-1 / 89.0.0.9/30
89.0.0.12/30 - 89.0.0.15/30	RT-4 / 89.0.0.14/30	RT-3 / 89.0.0.13/30
89.0.0.24/30 - 89.0.0.27/30	RT-4 / 89.0.0.25/30	RT-7 / 89.0.0.26/30
89.0.0.16/30 - 89.0.0.19/30	RT-5 / 89.0.0.18/30	RT-3 / 89.0.0.17/30
89.0.0.28/30 - 89.0.0.31/30	RT-5 / 89.0.0.29/30	RT-6 / 89.0.0.30/30
89.0.0.32/30 - 89.0.0.35/30	RT-5 / 89.0.0.33/30	RT-7 / 89.0.0.34/30
89.0.0.28/30 - 89.0.0.31/30	RT-6 / 89.0.0.30/30	RT-5 / 89.0.0.29/30
89.0.0.36/30 - 89.0.0.39/30	RT-6 / 89.0.0.37/30	RT-7 / 89.0.0.38/30
89.0.0.20/30 - 89.0.0.23/30	RT-7 / 89.0.0.22/30	RT-3 / 89.0.0.21/30
89.0.0.24/30 - 89.0.0.27/30	RT-7 / 89.0.0.26/30	RT-4 / 89.0.0.25/30
89.0.0.32/30 - 89.0.0.35/30	RT-7 / 89.0.0.34/30	RT-5 / 89.0.0.33/30
89.0.0.36/30 - 89.0.0.39/30	RT-7 / 89.0.0.38/30	RT-6 / 89.0.0.37/30

4. Configure todas as redes locais dos sistemas finais de tal forma que o endereço do roteador seja sempre o primeiro endereço disponível para host na faixa estabelecida e o endereço do PC da rede seja o último endereço disponível para host.

- Realize ping entre o PC de cada uma das redes e a interface local do roteador da sua rede

```
C:\>ping 55.0.0.1

Pinging 55.0.0.1 with 32 bytes of data:

Reply from 55.0.0.1: bytes=32 time<1ms TTL=255
Reply from 55.0.0.1: bytes=32 time<1ms TTL=255
Reply from 55.0.0.1: bytes=32 time<1ms TTL=255
Reply from 55.0.0.1: bytes=32 time<1ms TTL=255

Ping statistics for 55.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

Rede 02

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 55.0.1.1

Pinging 55.0.1.1 with 32 bytes of data:

Reply from 55.0.1.1: bytes=32 time<1ms TTL=255
Reply from 55.0.1.1: bytes=32 time<1ms TTL=255
Reply from 55.0.1.1: bytes=32 time<1ms TTL=255
Reply from 55.0.1.1: bytes=32 time<1ms TTL=255

Ping statistics for 55.0.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

Rede 03

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 55.0.2.1

Pinging 55.0.2.1 with 32 bytes of data:

Reply from 55.0.2.1: bytes=32 time<1ms TTL=255
Reply from 55.0.2.1: bytes=32 time<1ms TTL=255
Reply from 55.0.2.1: bytes=32 time<1ms TTL=255
Reply from 55.0.2.1: bytes=32 time<1ms TTL=255
|
Ping statistics for 55.0.2.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

Rede 04

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 55.0.3.1

Pinging 55.0.3.1 with 32 bytes of data:

Reply from 55.0.3.1: bytes=32 time=18ms TTL=255
Reply from 55.0.3.1: bytes=32 time<1ms TTL=255
Reply from 55.0.3.1: bytes=32 time<1ms TTL=255
Reply from 55.0.3.1: bytes=32 time=1ms TTL=255

Ping statistics for 55.0.3.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 18ms, Average = 4ms

C:\>|
```

Rede 05

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 55.0.4.1

Pinging 55.0.4.1 with 32 bytes of data:

Reply from 55.0.4.1: bytes=32 time<1ms TTL=255
Reply from 55.0.4.1: bytes=32 time<1ms TTL=255
Reply from 55.0.4.1: bytes=32 time<1ms TTL=255
Reply from 55.0.4.1: bytes=32 time<1ms TTL=255

Ping statistics for 55.0.4.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>|
```

Rede 06

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 55.0.5.1

Pinging 55.0.5.1 with 32 bytes of data:

Reply from 55.0.5.1: bytes=32 time<1ms TTL=255
Reply from 55.0.5.1: bytes=32 time<1ms TTL=255
Reply from 55.0.5.1: bytes=32 time<1ms TTL=255
Reply from 55.0.5.1: bytes=32 time<1ms TTL=255

Ping statistics for 55.0.5.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>|
```

Rede 07

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 55.0.6.1

Pinging 55.0.6.1 with 32 bytes of data:

Reply from 55.0.6.1: bytes=32 time<1ms TTL=255
Reply from 55.0.6.1: bytes=32 time<1ms TTL=255
Reply from 55.0.6.1: bytes=32 time<1ms TTL=255
Reply from 55.0.6.1: bytes=32 time<1ms TTL=255

Ping statistics for 55.0.6.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

- Realize ping entre o PC1 e os demais PCs

PC1 -> ping PC2

```
C:\>ping 55.0.1.62

Pinging 55.0.1.62 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 55.0.1.62:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

PC1 -> ping PC3

```
C:\>ping 55.0.2.126

Pinging 55.0.2.126 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 55.0.2.126:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

PC1 -> ping PC4

```
C:\>ping 55.0.3.62

Pinging 55.0.3.62 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 55.0.3.62:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

PC1 -> ping PC5

```
C:\>ping 55.0.4.14

Pinging 55.0.4.14 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 55.0.4.14:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

PC1 -> ping PC6

```
C:\>ping 55.0.5.30

Pinging 55.0.5.30 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 55.0.5.30:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

PC1 -> ping PC7

```
C:\>ping 55.0.6.30

Pinging 55.0.6.30 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 55.0.6.30:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

- A comunicação foi bem-sucedida? Por quê?

R: A comunicação não foi bem sucedida porque as configurações nos outros roteadores, assim como no gateway de cada PC não foram realizadas, logo não tem como as máquinas se comunicarem.

5. Configure todas as interfaces entre os roteadores que fazem a infraestrutura de acordo com as faixas alocadas para cada um dos segmentos.

- Realize ping entre o Roteador 1 e todos os seus vizinhos para verificar se todos possuem conectividade

```
Router>ping 89.0.0.2

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.2, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/3/15 ms

Router>ping 89.0.0.6

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.6, timeout is 2 seconds:
.!!!!
Success rate is 80 percent (4/5), round-trip min/avg/max = 0/0/0 ms

Router>ping 89.0.0.10

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.10, timeout is 2 seconds:
.!!!!
Success rate is 80 percent (4/5), round-trip min/avg/max = 0/0/0 ms
```

- Realize ping entre o Roteador 2 e todos os seus vizinhos para verificar se todos possuem conectividade

```
Router>ping 89.0.0.1

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.1, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/0 ms
```

- Realize ping entre o Roteador 3 e todos os seus vizinhos para verificar se todos possuem conectividade

```

Router#ping 89.0.0.5

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.5, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/5/25 ms

Router#ping 89.0.0.14

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.14, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/0 ms

Router#ping 89.0.0.18

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.18, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/0 ms

Router#ping 89.0.0.22

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.22, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/0 ms

```

- Realize ping entre o Roteador 4 e todos os seus vizinhos para verificar se todos possuem conectividade

```

Router>ping 89.0.0.9

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.9, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/0 ms

Router>ping 89.0.0.13

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.13, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/1 ms

Router>ping 89.0.0.26

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.26, timeout is 2 seconds:
.!!!!
Success rate is 80 percent (4/5), round-trip min/avg/max = 0/0/0 ms

```

- Realize ping entre o Roteador 5 e todos os seus vizinhos para verificar se todos possuem conectividade


```

Router>ping 89.0.0.17

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.17, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/3/17 ms

Router>ping 89.0.0.30

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.30, timeout is 2 seconds:
.!!!!
Success rate is 80 percent (4/5), round-trip min/avg/max = 0/0/0 ms

Router>ping 89.0.0.34

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.34, timeout is 2 seconds:
.!!!!
Success rate is 80 percent (4/5), round-trip min/avg/max = 0/0/0 ms

```

- Realize ping entre o Roteador 6 e todos os seus vizinhos para verificar se todos possuem conectividade

```

Router#ping 89.0.0.38

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.38, timeout is 2 seconds:
.!!!!
Success rate is 80 percent (4/5), round-trip min/avg/max = 0/0/1 ms

Router#ping 89.0.0.29

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.29, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/0 ms

```

- Realize ping entre o Roteador 7 e todos os seus vizinhos para verificar se todos possuem conectividade

```

Router#ping 89.0.0.21

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.21, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/1 ms

Router#ping 89.0.0.25

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.25, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/3/19 ms

Router#ping 89.0.0.33

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.33, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/1/7 ms

Router#ping 89.0.0.37

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 89.0.0.37, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/0 ms

```

- Realize ping entre o PC1 e os demais PCs
 - Houve alguma mudança no comportamento observado antes de realizar a configuração de endereçamento dos roteadores? Por quê?

R: Não, exatamente pelo mesmo motivo da questão anterior. Os PCs ainda não foram configurados e as rotas dos roteadores também não, então não tem como cada roteador saber com que se comunicar.

obs: não adicionamos os prints porque seria muito repetitivo já que as configurações necessárias ainda não foram realizadas até este ponto.

6. Configure as rotas necessárias para estabelecer comunicação entre a Rede 6 e a Rede 7
 - Realize ping entre o PC 6 e o PC 7

```

PC6
Physical Config Desktop Programming Attributes

Command Prompt

C:\>ping 55.0.6.30

Pinging 55.0.6.30 with 32 bytes of data:

Reply from 55.0.6.30: bytes=32 time<1ms TTL=126
Reply from 55.0.6.30: bytes=32 time<1ms TTL=126
Reply from 55.0.6.30: bytes=32 time<1ms TTL=126
Reply from 55.0.6.30: bytes=32 time<1ms TTL=126

Ping statistics for 55.0.6.30:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
  
```

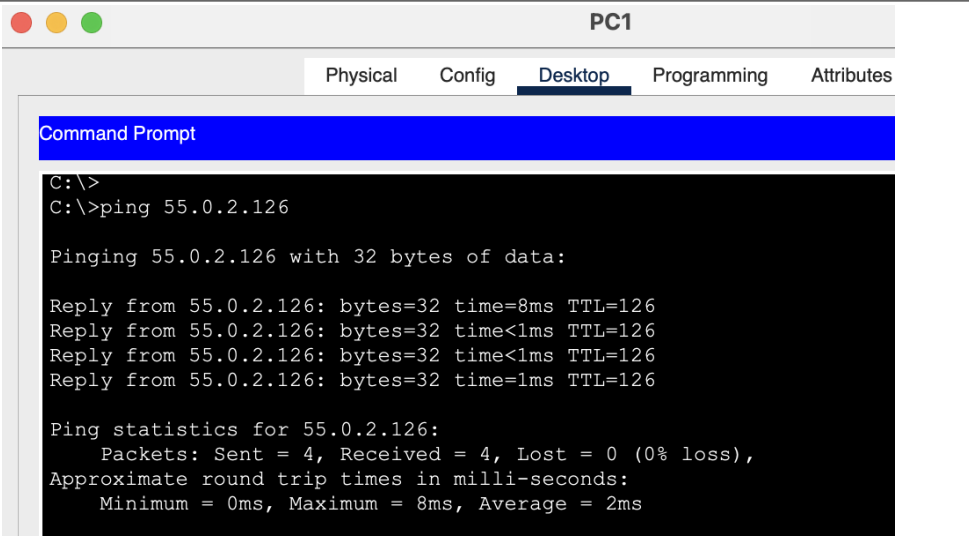
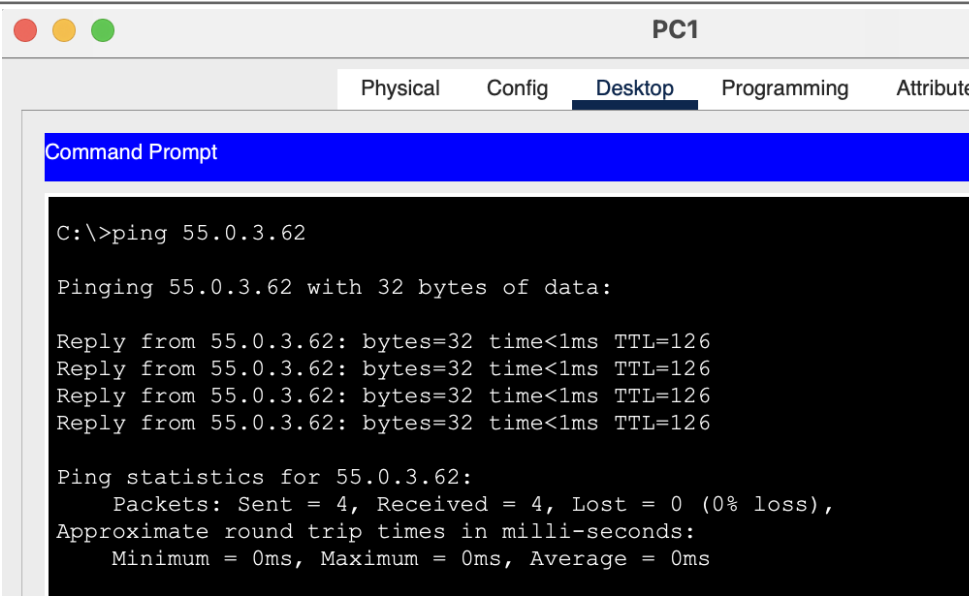
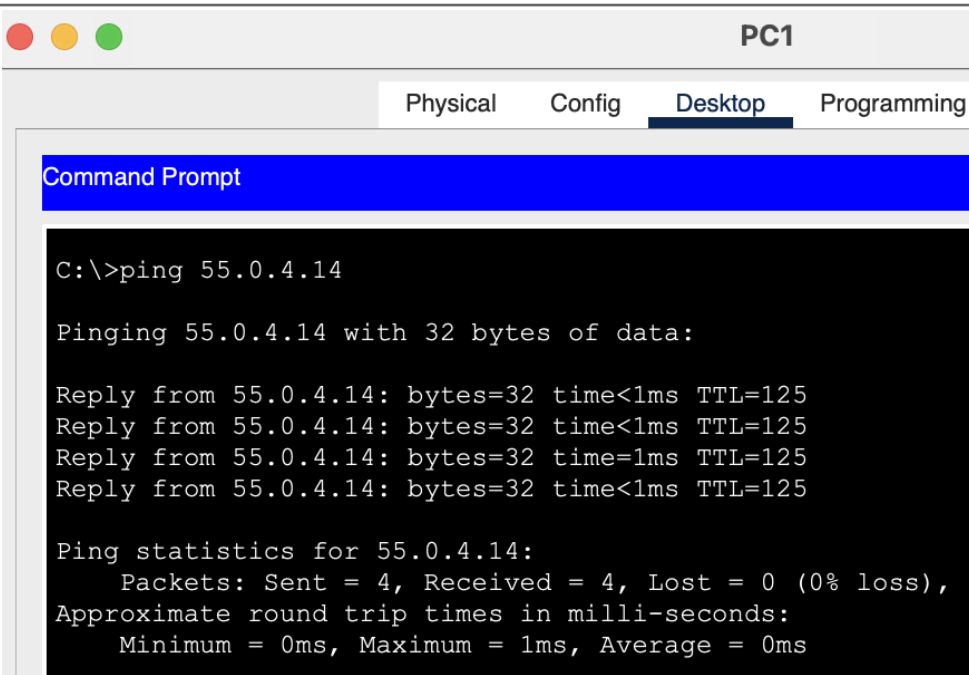
- A comunicação foi bem-sucedida? Por quê?
R: Sim, porque as configurações necessárias para a comunicação entre redes diferentes foram realizadas no PC e no Router. Adicionamos o endereço do Router em seu respectivo PC, e também configuramos no Router a rota necessária para se comunicar com a outra rede distinta.
- Realize ping entre o PC1 e os demais PCs
 - Houve alguma mudança no comportamento observado antes de realizar a configuração de endereçamento dos roteadores? Por quê?

R: Ainda não, as rotas configuradas foram apenas as da Rede 6 e 7, então apenas essas duas estão se comunicando. O restante das redes serão configuradas na próxima questão.

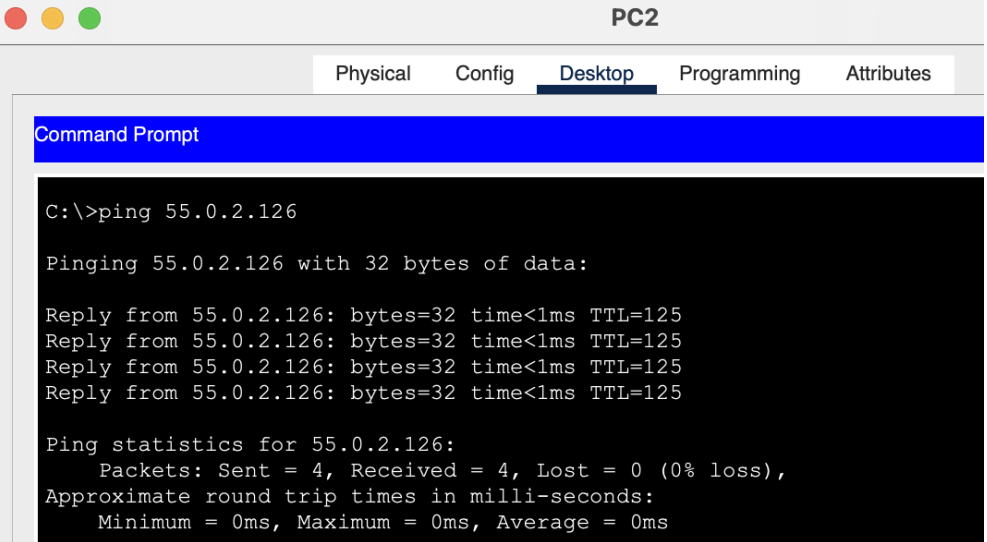
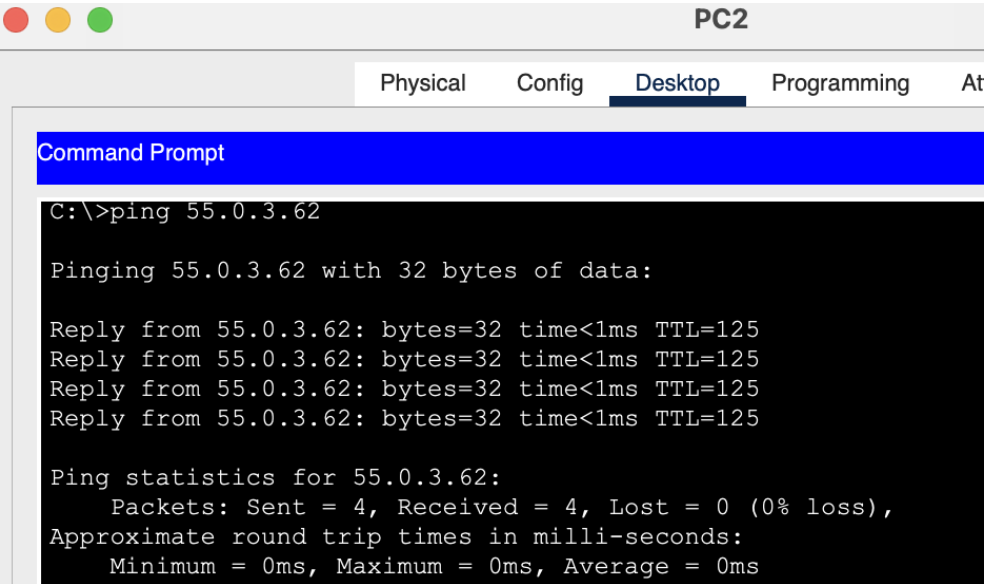
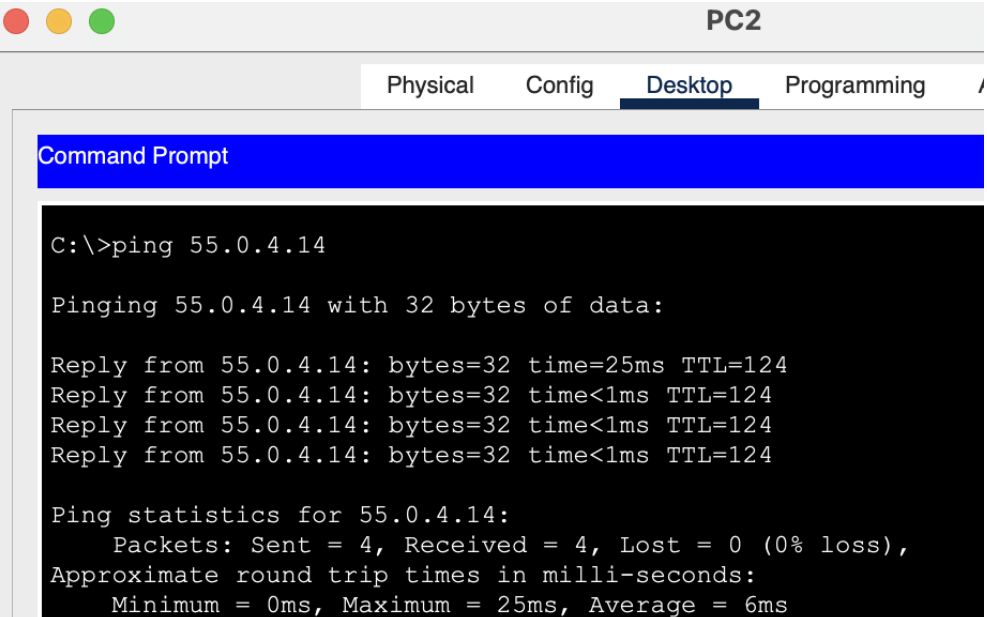
7. Configure as rotas necessárias para estabelecer comunicação entre as demais redes do sistema

- Realize ping entre todos os PCs do sistema




Dispositivos	Ping
PC1-PC2	<pre> PC1 Physical Config Desktop Programming Attributes Command Prompt C:\>ping 55.0.1.62 Pinging 55.0.1.62 with 32 bytes of data: Reply from 55.0.1.62: bytes=32 time=1ms TTL=126 Reply from 55.0.1.62: bytes=32 time<1ms TTL=126 Reply from 55.0.1.62: bytes=32 time<1ms TTL=126 Reply from 55.0.1.62: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.1.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 1ms, Average = 0ms </pre>

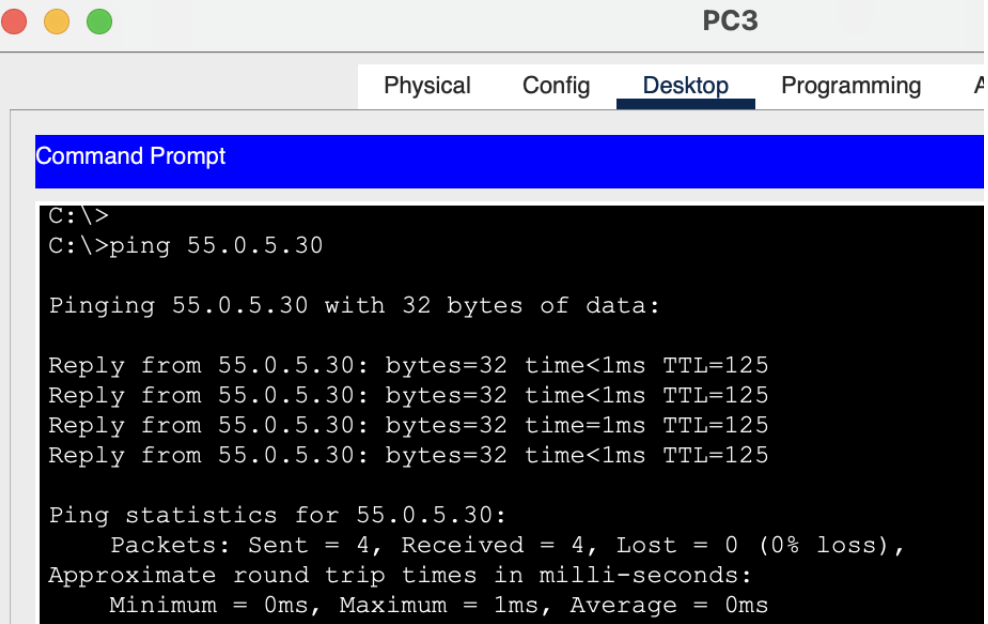
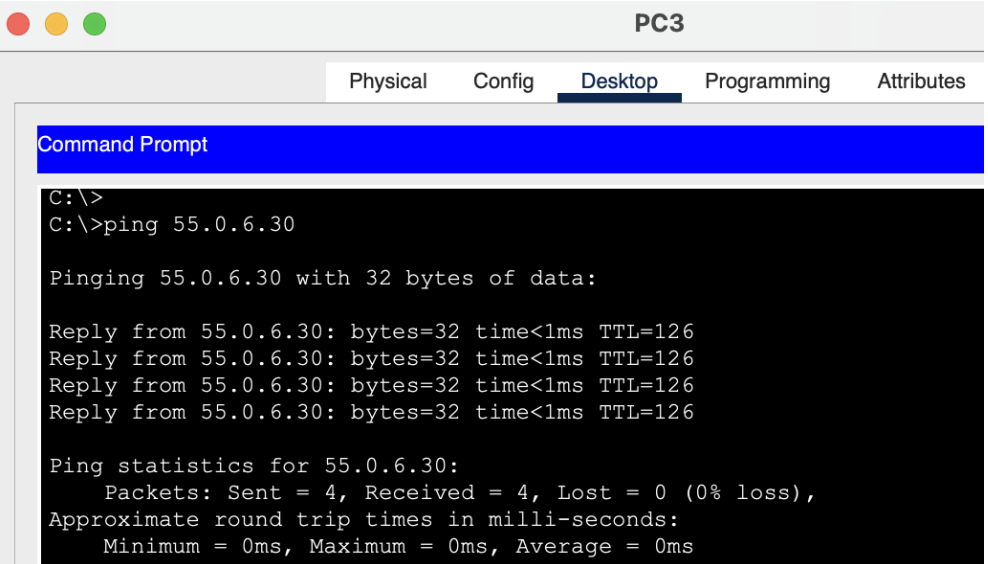
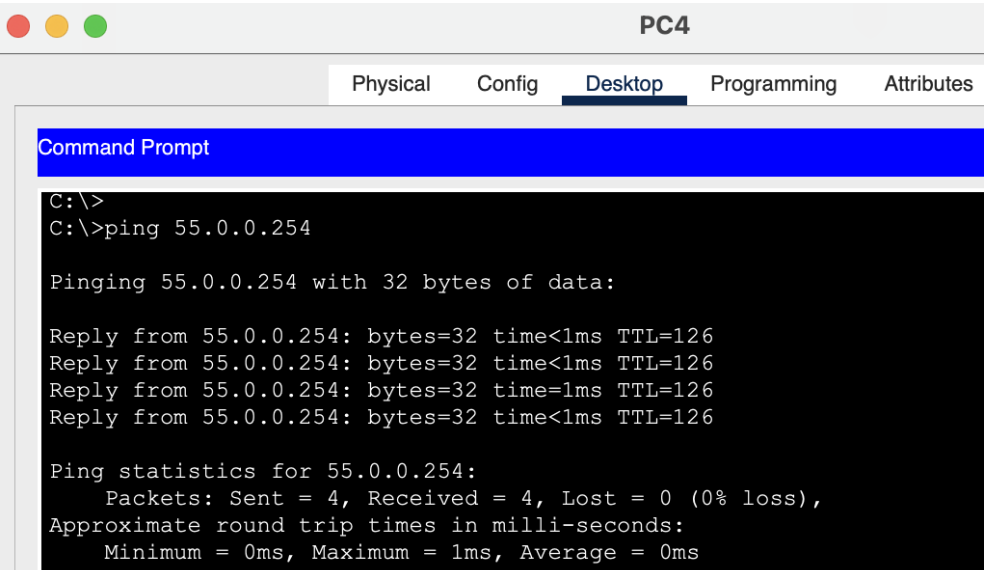
PC1-PC3	 <p>PC1</p> <p>Physical Config Desktop Programming Attributes</p> <p>Command Prompt</p> <pre> C:\> C:\>ping 55.0.2.126 Pinging 55.0.2.126 with 32 bytes of data: Reply from 55.0.2.126: bytes=32 time=8ms TTL=126 Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Reply from 55.0.2.126: bytes=32 time=1ms TTL=126 Ping statistics for 55.0.2.126: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 8ms, Average = 2ms </pre>
PC1-PC4	 <p>PC1</p> <p>Physical Config Desktop Programming Attributes</p> <p>Command Prompt</p> <pre> C:\>ping 55.0.3.62 Pinging 55.0.3.62 with 32 bytes of data: Reply from 55.0.3.62: bytes=32 time<1ms TTL=126 Reply from 55.0.3.62: bytes=32 time<1ms TTL=126 Reply from 55.0.3.62: bytes=32 time<1ms TTL=126 Reply from 55.0.3.62: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.3.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre>
PC1-PC5	 <p>PC1</p> <p>Physical Config Desktop Programming</p> <p>Command Prompt</p> <pre> C:\>ping 55.0.4.14 Pinging 55.0.4.14 with 32 bytes of data: Reply from 55.0.4.14: bytes=32 time<1ms TTL=125 Reply from 55.0.4.14: bytes=32 time<1ms TTL=125 Reply from 55.0.4.14: bytes=32 time=1ms TTL=125 Reply from 55.0.4.14: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.4.14: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 1ms, Average = 0ms </pre>

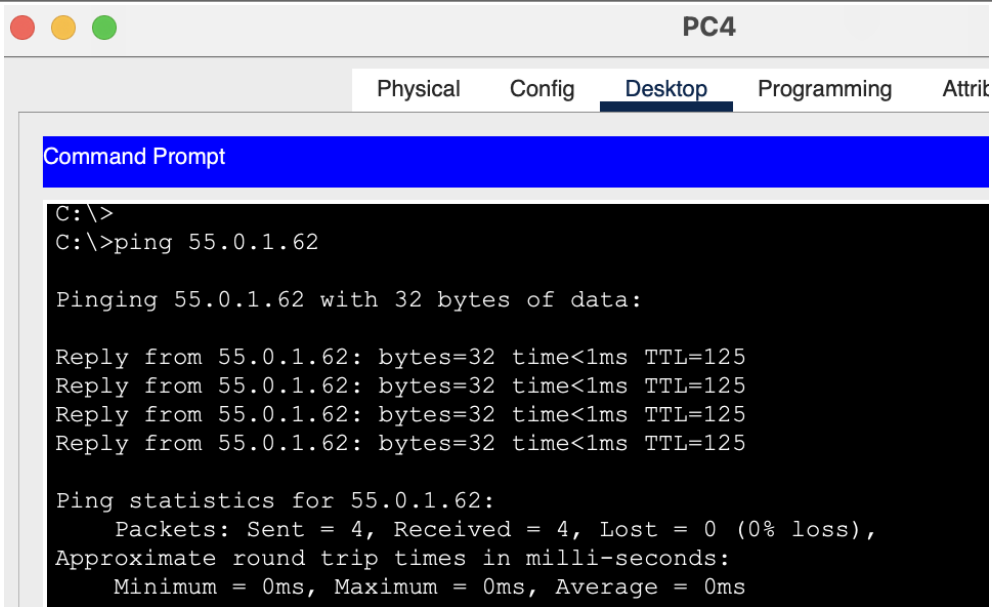
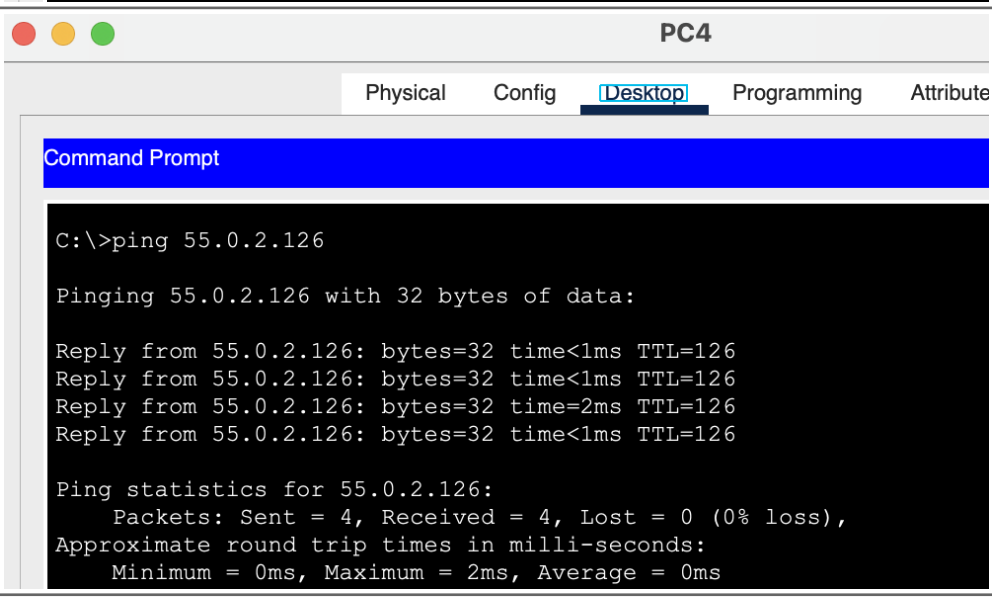
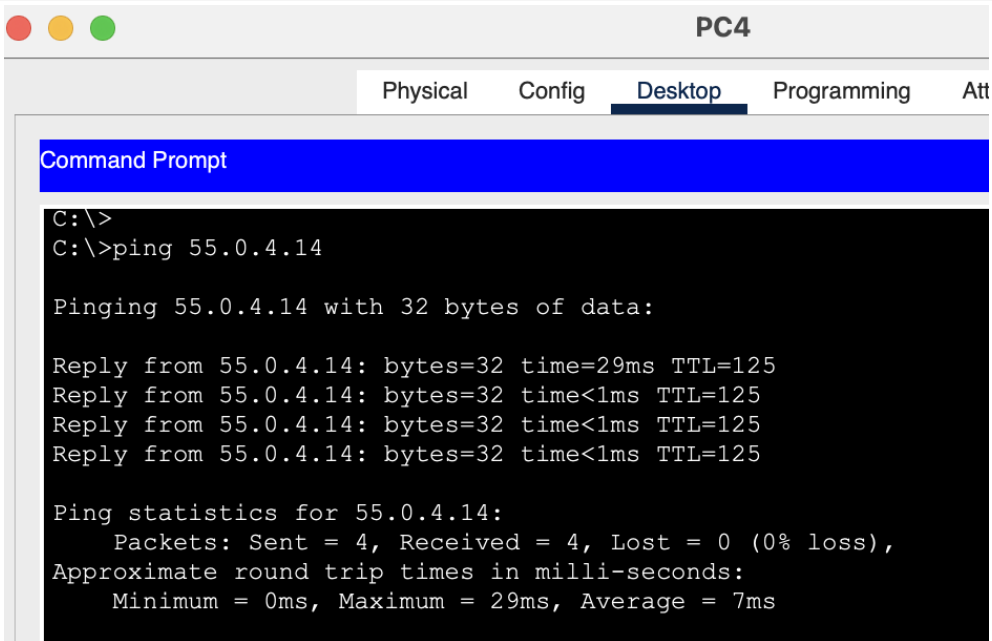
PC1-PC6	<div data-bbox="459 129 1449 734"> <div>PC1</div> <div>Physical Config Desktop Programming Attrib</div> <div>Command Prompt</div> <pre> C:\>ping 55.0.5.30 Pinging 55.0.5.30 with 32 bytes of data: Reply from 55.0.5.30: bytes=32 time=7ms TTL=124 Reply from 55.0.5.30: bytes=32 time<1ms TTL=124 Reply from 55.0.5.30: bytes=32 time=26ms TTL=124 Reply from 55.0.5.30: bytes=32 time<1ms TTL=124 Ping statistics for 55.0.5.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 26ms, Average = 8ms </pre> </div>
PC1-PC7	<div data-bbox="459 734 1449 1339"> <div>PC1</div> <div>Physical Config Desktop Programming Attrib</div> <div>Command Prompt</div> <pre> C:\>ping 55.0.6.30 Pinging 55.0.6.30 with 32 bytes of data: Reply from 55.0.6.30: bytes=32 time<1ms TTL=125 Reply from 55.0.6.30: bytes=32 time<1ms TTL=125 Reply from 55.0.6.30: bytes=32 time<1ms TTL=125 Reply from 55.0.6.30: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.6.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre> </div>
PC2-PC1	<div data-bbox="459 1429 1449 1939"> <div>PC2</div> <div>Physical Config Desktop Programming Attributes</div> <div>Command Prompt</div> <pre> C:\>ping 55.0.0.254 Pinging 55.0.0.254 with 32 bytes of data: Reply from 55.0.0.254: bytes=32 time<1ms TTL=126 Reply from 55.0.0.254: bytes=32 time=1ms TTL=126 Reply from 55.0.0.254: bytes=32 time=1ms TTL=126 Reply from 55.0.0.254: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.0.254: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 1ms, Average = 0ms </pre> </div>

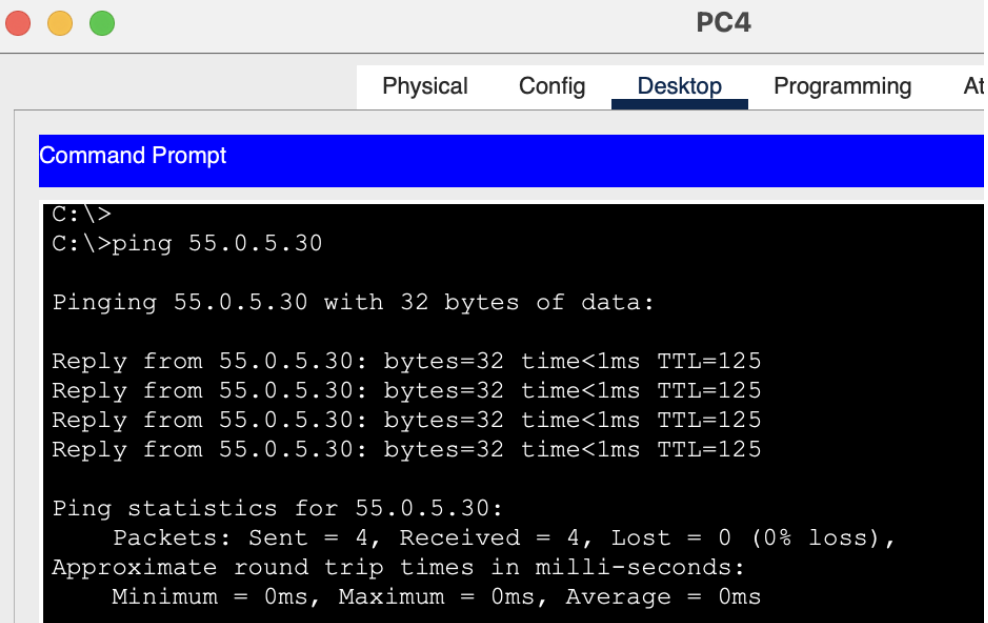
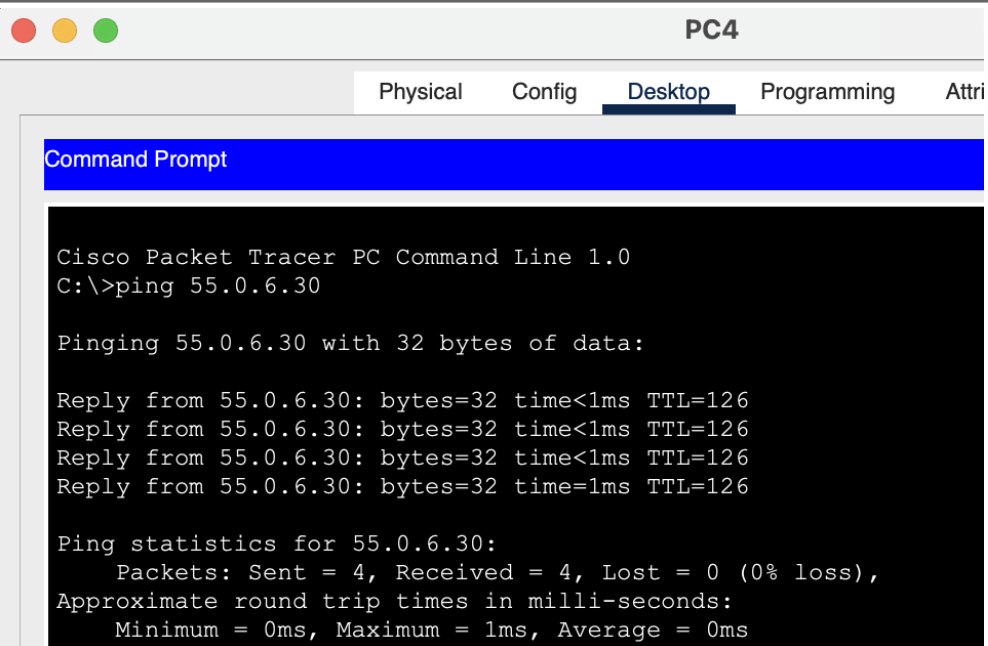
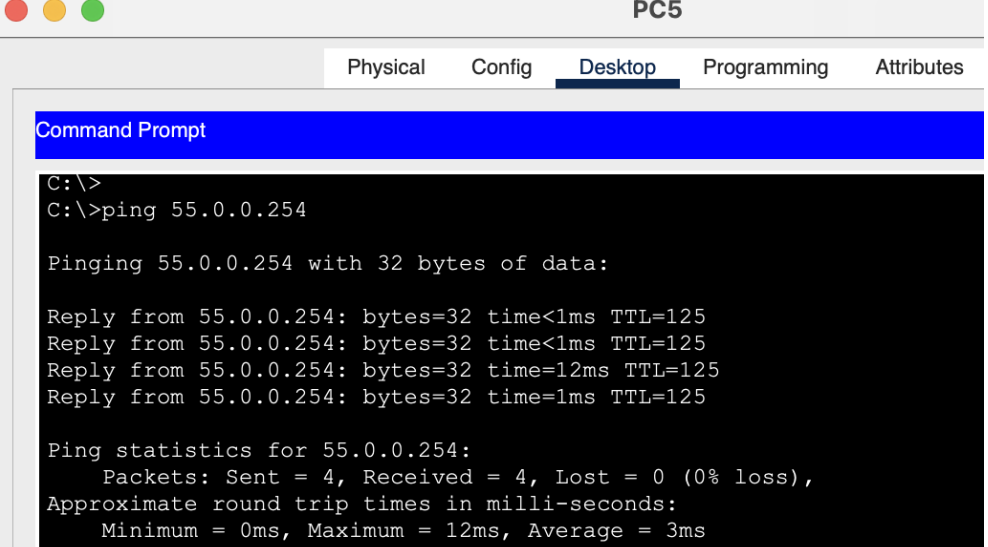
PC2-PC3	 <p>PC2</p> <p>Physical Config Desktop Programming Attributes</p> <p>Command Prompt</p> <pre>C:\>ping 55.0.2.126 Pinging 55.0.2.126 with 32 bytes of data: Reply from 55.0.2.126: bytes=32 time<1ms TTL=125 Reply from 55.0.2.126: bytes=32 time<1ms TTL=125 Reply from 55.0.2.126: bytes=32 time<1ms TTL=125 Reply from 55.0.2.126: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.2.126: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms</pre>
PC2-PC4	 <p>PC2</p> <p>Physical Config Desktop Programming At</p> <p>Command Prompt</p> <pre>C:\>ping 55.0.3.62 Pinging 55.0.3.62 with 32 bytes of data: Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.3.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms</pre>
PC2-PC5	 <p>PC2</p> <p>Physical Config Desktop Programming /</p> <p>Command Prompt</p> <pre>C:\>ping 55.0.4.14 Pinging 55.0.4.14 with 32 bytes of data: Reply from 55.0.4.14: bytes=32 time=25ms TTL=124 Reply from 55.0.4.14: bytes=32 time<1ms TTL=124 Reply from 55.0.4.14: bytes=32 time<1ms TTL=124 Reply from 55.0.4.14: bytes=32 time<1ms TTL=124 Ping statistics for 55.0.4.14: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 25ms, Average = 6ms</pre>

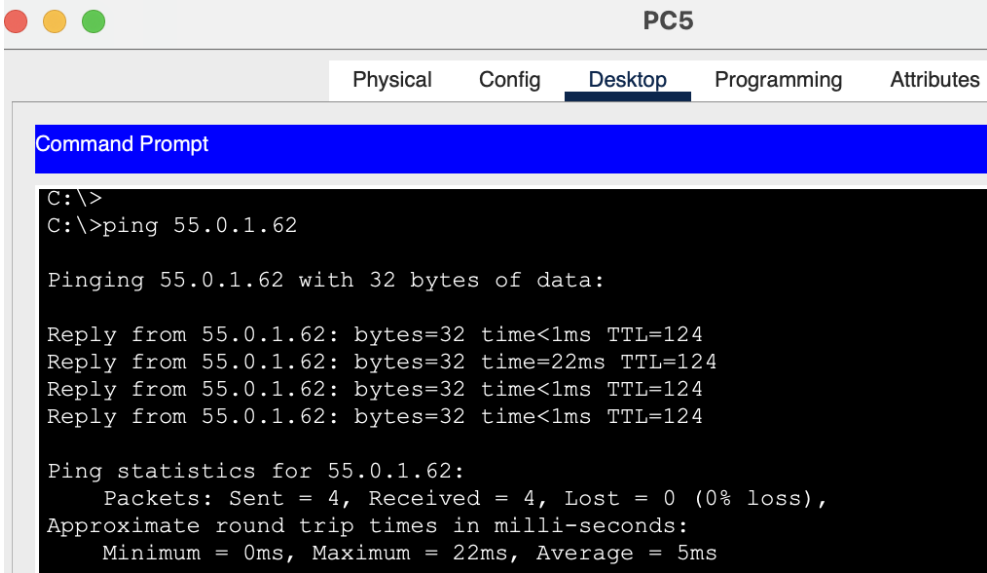
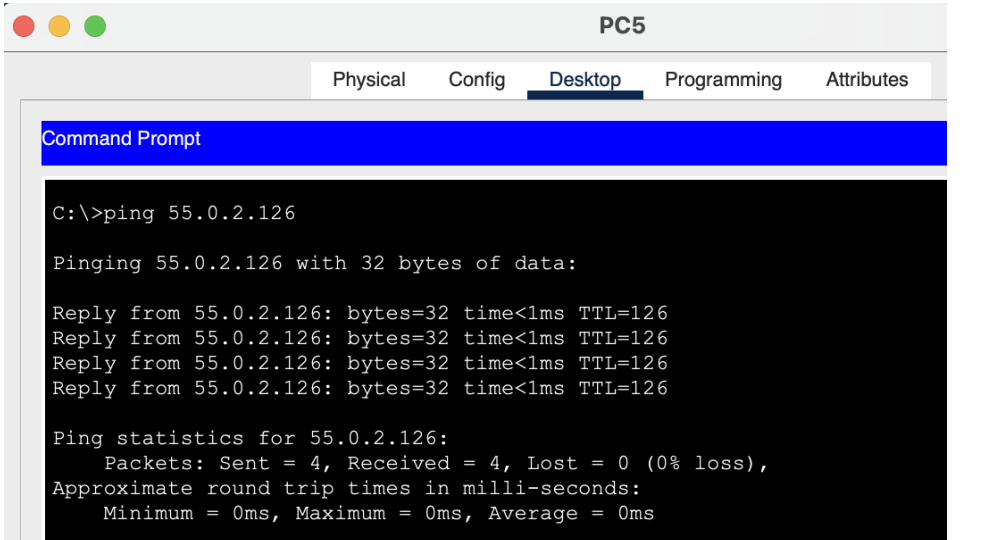
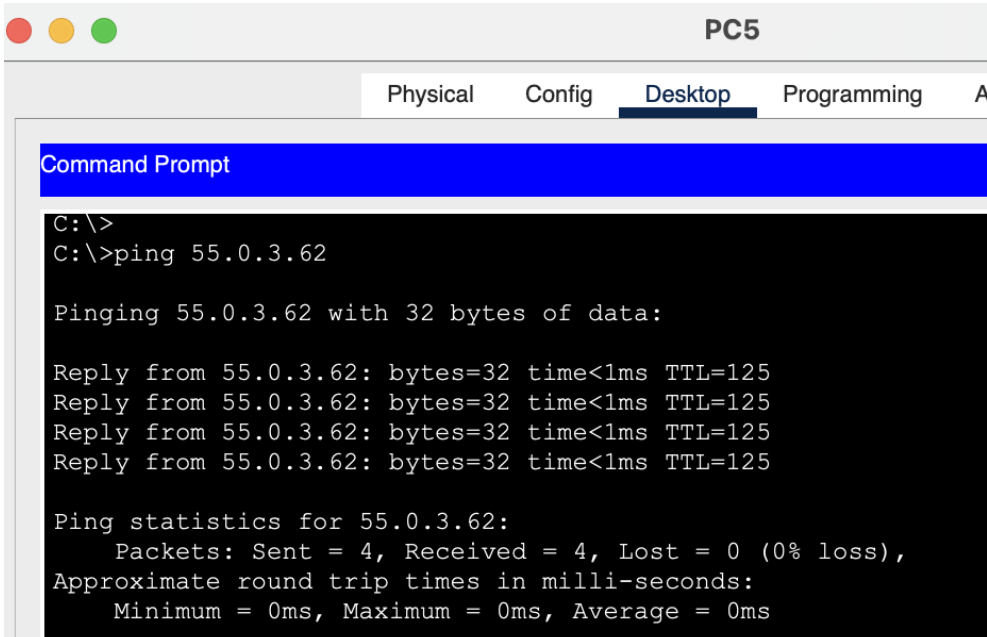
PC2-PC6	<div data-bbox="459 129 1449 689"> <div>PC2</div> <div>Physical Config <u>Desktop</u> Programming Attributes</div> <div>Command Prompt</div> <pre> C:\>ping 55.0.5.30 Pinging 55.0.5.30 with 32 bytes of data: Reply from 55.0.5.30: bytes=32 time<1ms TTL=123 Reply from 55.0.5.30: bytes=32 time<1ms TTL=123 Reply from 55.0.5.30: bytes=32 time<1ms TTL=123 Reply from 55.0.5.30: bytes=32 time<1ms TTL=123 Ping statistics for 55.0.5.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre> </div>
PC2-PC7	<div data-bbox="459 689 1449 1317"> <div>PC2</div> <div>Physical Config <u>Desktop</u> Programming Attr</div> <div>Command Prompt</div> <pre> C:\> C:\>ping 55.0.6.30 Pinging 55.0.6.30 with 32 bytes of data: Reply from 55.0.6.30: bytes=32 time=1ms TTL=124 Reply from 55.0.6.30: bytes=32 time<1ms TTL=124 Reply from 55.0.6.30: bytes=32 time<1ms TTL=124 Reply from 55.0.6.30: bytes=32 time=1ms TTL=124 Ping statistics for 55.0.6.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 1ms, Average = 0ms </pre> </div>
PC3-PC1	<div data-bbox="459 1393 1449 1975"> <div>PC3</div> <div>Physical Config <u>Desktop</u> Programming Attrib</div> <div>Command Prompt</div> <pre> C:\>ping 55.0.0.254 Pinging 55.0.0.254 with 32 bytes of data: Reply from 55.0.0.254: bytes=32 time<1ms TTL=126 Reply from 55.0.0.254: bytes=32 time<1ms TTL=126 Reply from 55.0.0.254: bytes=32 time<1ms TTL=126 Reply from 55.0.0.254: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.0.254: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre> </div>

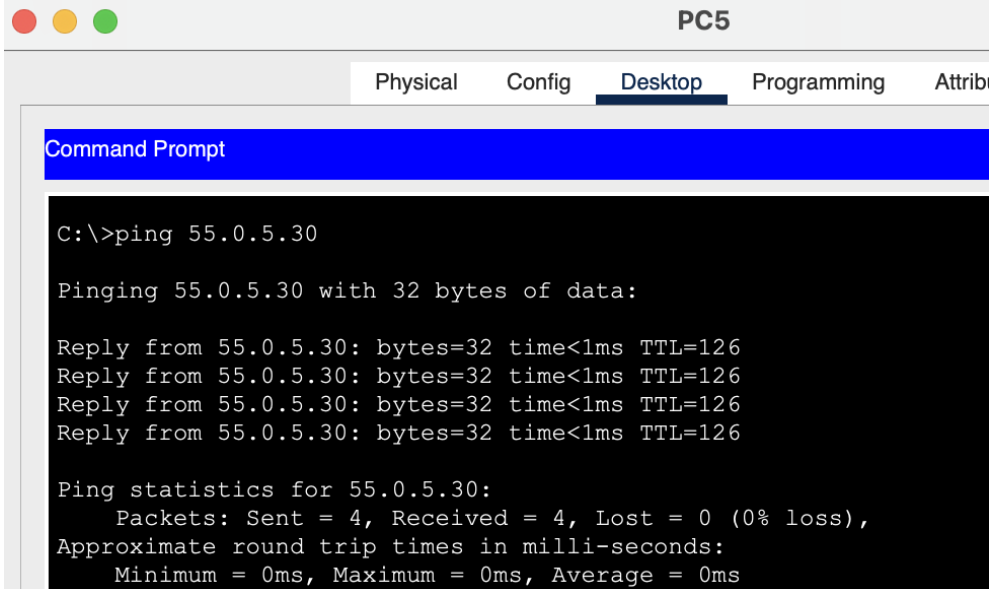
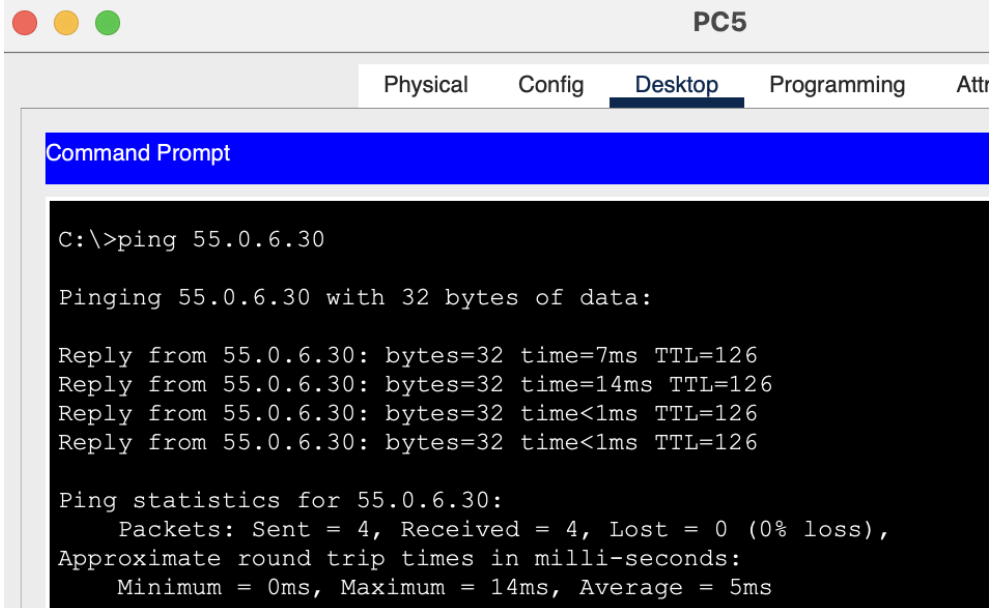
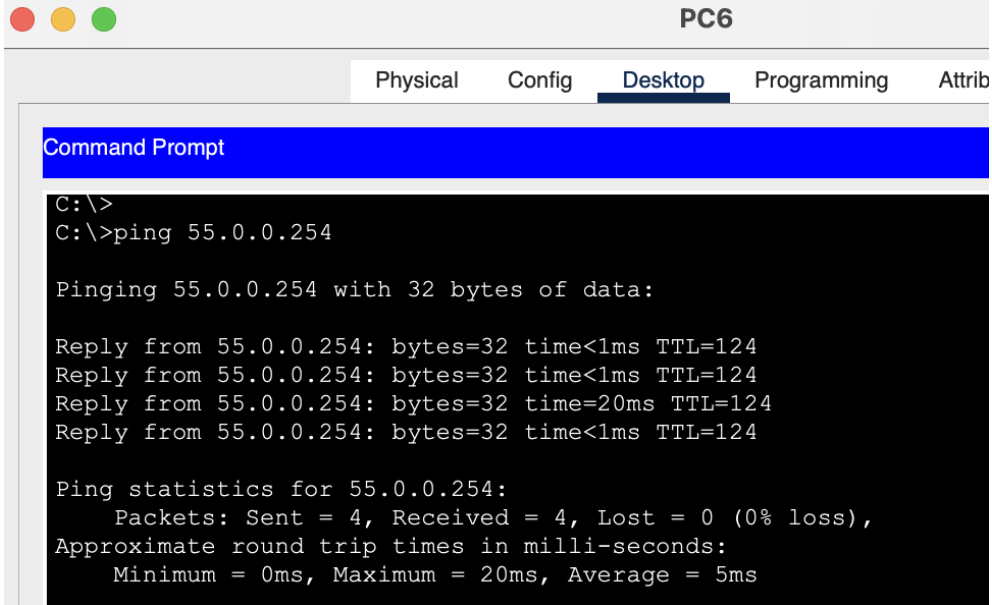
PC3-PC2	 <div> <div>PC3</div> <div>Physical Config Desktop Programming Attributes</div> <div> <div>Command Prompt</div> <pre> C:\> C:\>ping 55.0.1.62 Pinging 55.0.1.62 with 32 bytes of data: Reply from 55.0.1.62: bytes=32 time<1ms TTL=125 Reply from 55.0.1.62: bytes=32 time<1ms TTL=125 Reply from 55.0.1.62: bytes=32 time<1ms TTL=125 Reply from 55.0.1.62: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.1.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre> </div> </div>
PC3-PC4	 <div> <div>PC3</div> <div>Physical Config Desktop Programming Attribute</div> <div> <div>Command Prompt</div> <pre> C:\>ping 55.0.3.62 Pinging 55.0.3.62 with 32 bytes of data: Reply from 55.0.3.62: bytes=32 time<1ms TTL=126 Reply from 55.0.3.62: bytes=32 time<1ms TTL=126 Reply from 55.0.3.62: bytes=32 time<1ms TTL=126 Reply from 55.0.3.62: bytes=32 time=1ms TTL=126 Ping statistics for 55.0.3.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 1ms, Average = 0ms </pre> </div> </div>
PC3-PC5	 <div> <div>PC3</div> <div>Physical Config Desktop Programming Attribute:</div> <div> <div>Command Prompt</div> <pre> Cisco Packet Tracer PC Command Line 1.0 C:\>ping 55.0.4.14 Pinging 55.0.4.14 with 32 bytes of data: Reply from 55.0.4.14: bytes=32 time<1ms TTL=126 Reply from 55.0.4.14: bytes=32 time<1ms TTL=126 Reply from 55.0.4.14: bytes=32 time<1ms TTL=126 Reply from 55.0.4.14: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.4.14: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre> </div> </div>

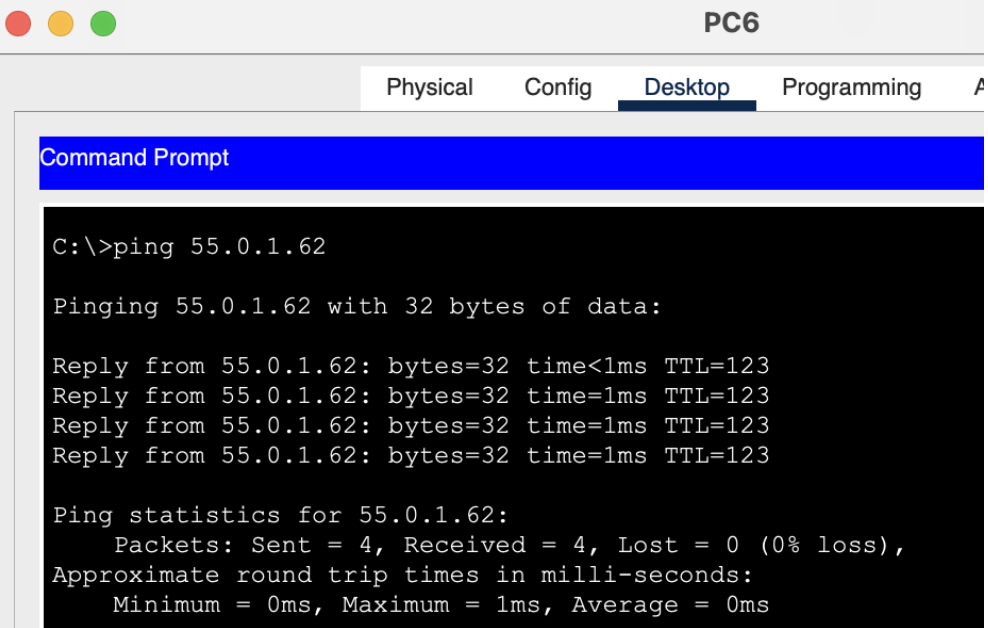
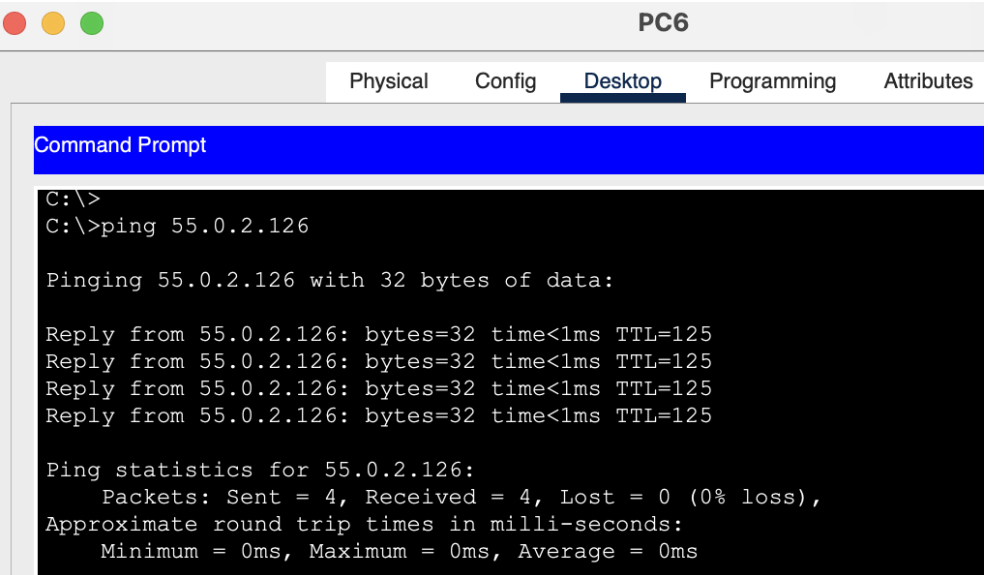
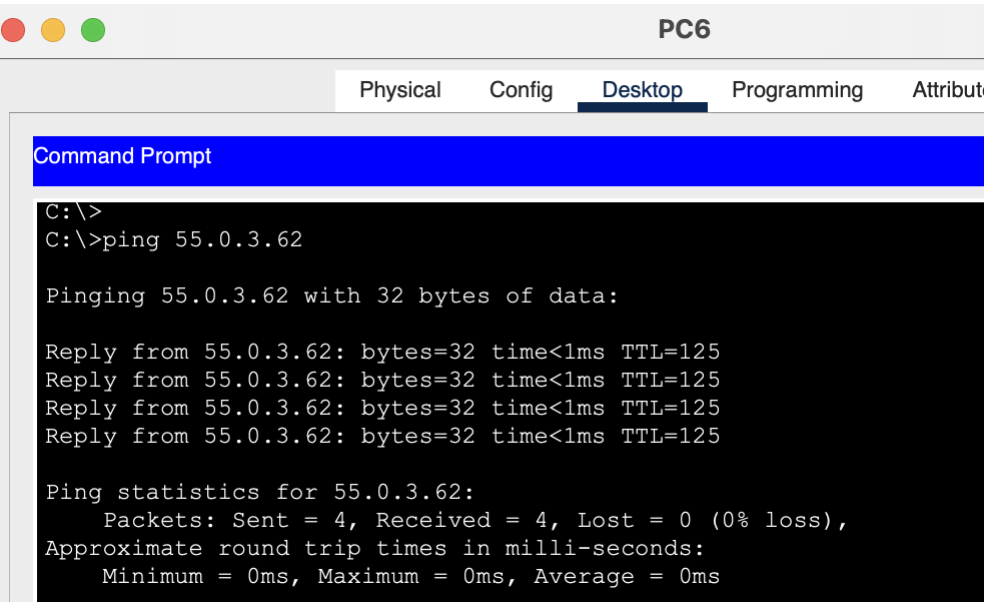
PC3-PC6	 <p>The screenshot shows the 'PC3' window with the 'Desktop' tab selected. A 'Command Prompt' window is open, displaying the following text:</p> <pre> C:\> C:\>ping 55.0.5.30 Pinging 55.0.5.30 with 32 bytes of data: Reply from 55.0.5.30: bytes=32 time<1ms TTL=125 Reply from 55.0.5.30: bytes=32 time<1ms TTL=125 Reply from 55.0.5.30: bytes=32 time=1ms TTL=125 Reply from 55.0.5.30: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.5.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 1ms, Average = 0ms </pre>
PC3-PC7	 <p>The screenshot shows the 'PC3' window with the 'Desktop' tab selected. A 'Command Prompt' window is open, displaying the following text:</p> <pre> C:\> C:\>ping 55.0.6.30 Pinging 55.0.6.30 with 32 bytes of data: Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.6.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre>
PC4-PC1	 <p>The screenshot shows the 'PC4' window with the 'Desktop' tab selected. A 'Command Prompt' window is open, displaying the following text:</p> <pre> C:\> C:\>ping 55.0.0.254 Pinging 55.0.0.254 with 32 bytes of data: Reply from 55.0.0.254: bytes=32 time<1ms TTL=126 Reply from 55.0.0.254: bytes=32 time<1ms TTL=126 Reply from 55.0.0.254: bytes=32 time=1ms TTL=126 Reply from 55.0.0.254: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.0.254: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 1ms, Average = 0ms </pre>

PC4-PC2	 <p>PC4</p> <p>Physical Config Desktop Programming Attrib</p> <p>Command Prompt</p> <pre> C:\> C:\>ping 55.0.1.62 Pinging 55.0.1.62 with 32 bytes of data: Reply from 55.0.1.62: bytes=32 time<1ms TTL=125 Reply from 55.0.1.62: bytes=32 time<1ms TTL=125 Reply from 55.0.1.62: bytes=32 time<1ms TTL=125 Reply from 55.0.1.62: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.1.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre>
PC4-PC3	 <p>PC4</p> <p>Physical Config Desktop Programming Attribute</p> <p>Command Prompt</p> <pre> C:\>ping 55.0.2.126 Pinging 55.0.2.126 with 32 bytes of data: Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Reply from 55.0.2.126: bytes=32 time=2ms TTL=126 Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.2.126: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 2ms, Average = 0ms </pre>
PC4-PC5	 <p>PC4</p> <p>Physical Config Desktop Programming Att</p> <p>Command Prompt</p> <pre> C:\> C:\>ping 55.0.4.14 Pinging 55.0.4.14 with 32 bytes of data: Reply from 55.0.4.14: bytes=32 time=29ms TTL=125 Reply from 55.0.4.14: bytes=32 time<1ms TTL=125 Reply from 55.0.4.14: bytes=32 time<1ms TTL=125 Reply from 55.0.4.14: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.4.14: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 29ms, Average = 7ms </pre>

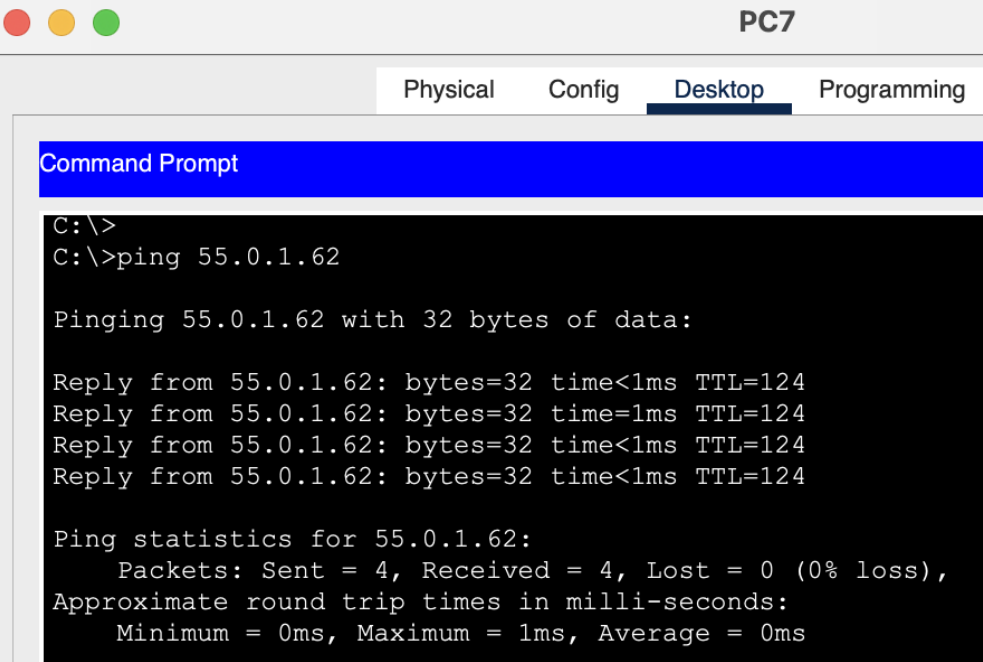
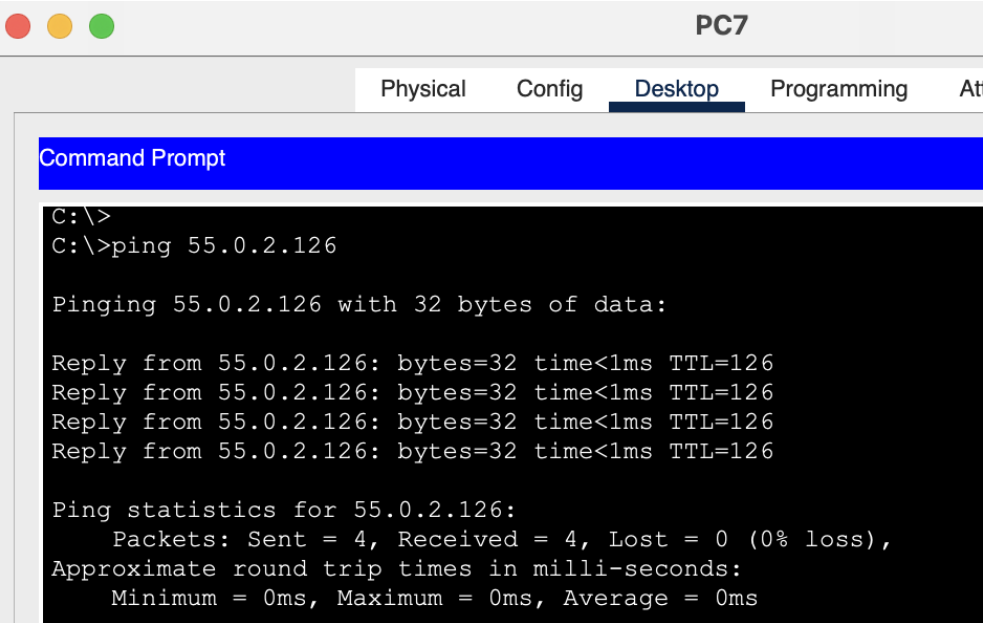
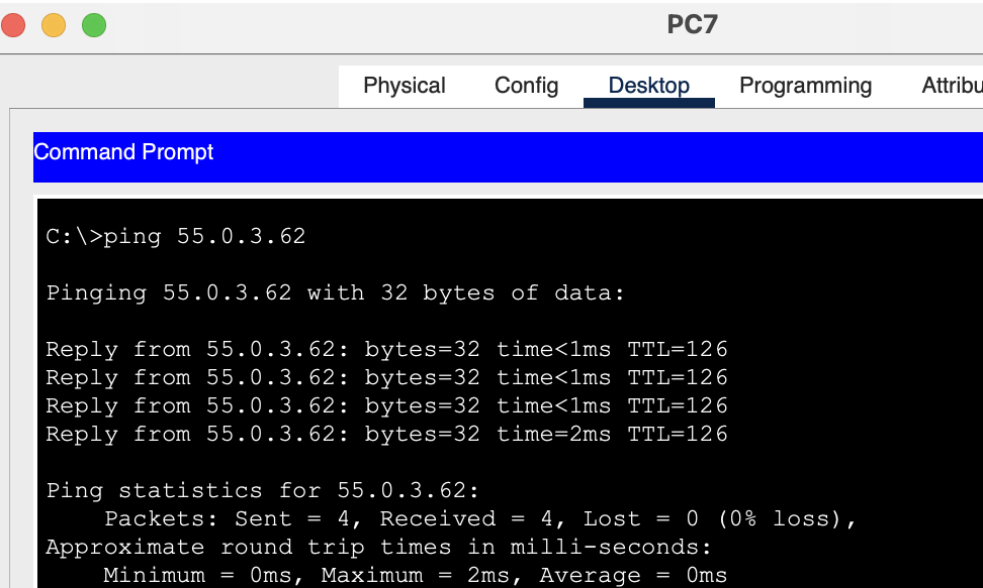
PC4-PC6	 <p>The screenshot shows the PC4 Desktop tab in Cisco Packet Tracer. The Command Prompt displays the following output:</p> <pre> C:\> C:\>ping 55.0.5.30 Pinging 55.0.5.30 with 32 bytes of data: Reply from 55.0.5.30: bytes=32 time<1ms TTL=125 Reply from 55.0.5.30: bytes=32 time<1ms TTL=125 Reply from 55.0.5.30: bytes=32 time<1ms TTL=125 Reply from 55.0.5.30: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.5.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre>
PC4-PC7	 <p>The screenshot shows the PC4 Desktop tab in Cisco Packet Tracer. The Command Prompt displays the following output:</p> <pre> Cisco Packet Tracer PC Command Line 1.0 C:\>ping 55.0.6.30 Pinging 55.0.6.30 with 32 bytes of data: Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Reply from 55.0.6.30: bytes=32 time=1ms TTL=126 Ping statistics for 55.0.6.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 1ms, Average = 0ms </pre>
PC5-PC1	 <p>The screenshot shows the PC5 Desktop tab in Cisco Packet Tracer. The Command Prompt displays the following output:</p> <pre> C:\> C:\>ping 55.0.0.254 Pinging 55.0.0.254 with 32 bytes of data: Reply from 55.0.0.254: bytes=32 time<1ms TTL=125 Reply from 55.0.0.254: bytes=32 time<1ms TTL=125 Reply from 55.0.0.254: bytes=32 time=12ms TTL=125 Reply from 55.0.0.254: bytes=32 time=1ms TTL=125 Ping statistics for 55.0.0.254: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 12ms, Average = 3ms </pre>

PC5-PC2	 <p>PC5</p> <p>Physical Config Desktop Programming Attributes</p> <p>Command Prompt</p> <pre> C:\> C:\>ping 55.0.1.62 Pinging 55.0.1.62 with 32 bytes of data: Reply from 55.0.1.62: bytes=32 time<1ms TTL=124 Reply from 55.0.1.62: bytes=32 time=22ms TTL=124 Reply from 55.0.1.62: bytes=32 time<1ms TTL=124 Reply from 55.0.1.62: bytes=32 time<1ms TTL=124 Ping statistics for 55.0.1.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 22ms, Average = 5ms </pre>
PC5-PC3	 <p>PC5</p> <p>Physical Config Desktop Programming Attributes</p> <p>Command Prompt</p> <pre> C:\>ping 55.0.2.126 Pinging 55.0.2.126 with 32 bytes of data: Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.2.126: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre>
PC5-PC4	 <p>PC5</p> <p>Physical Config Desktop Programming A</p> <p>Command Prompt</p> <pre> C:\> C:\>ping 55.0.3.62 Pinging 55.0.3.62 with 32 bytes of data: Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.3.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre>

PC5-PC6	 <p>PC5</p> <p>Physical Config Desktop Programming Attrib</p> <p>Command Prompt</p> <pre> C:\>ping 55.0.5.30 Pinging 55.0.5.30 with 32 bytes of data: Reply from 55.0.5.30: bytes=32 time<1ms TTL=126 Reply from 55.0.5.30: bytes=32 time<1ms TTL=126 Reply from 55.0.5.30: bytes=32 time<1ms TTL=126 Reply from 55.0.5.30: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.5.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre>
PC5-PC7	 <p>PC5</p> <p>Physical Config Desktop Programming Attr</p> <p>Command Prompt</p> <pre> C:\>ping 55.0.6.30 Pinging 55.0.6.30 with 32 bytes of data: Reply from 55.0.6.30: bytes=32 time=7ms TTL=126 Reply from 55.0.6.30: bytes=32 time=14ms TTL=126 Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.6.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 14ms, Average = 5ms </pre>
PC6-PC1	 <p>PC6</p> <p>Physical Config Desktop Programming Attrib</p> <p>Command Prompt</p> <pre> C:\> C:\>ping 55.0.0.254 Pinging 55.0.0.254 with 32 bytes of data: Reply from 55.0.0.254: bytes=32 time<1ms TTL=124 Reply from 55.0.0.254: bytes=32 time<1ms TTL=124 Reply from 55.0.0.254: bytes=32 time=20ms TTL=124 Reply from 55.0.0.254: bytes=32 time<1ms TTL=124 Ping statistics for 55.0.0.254: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 20ms, Average = 5ms </pre>

PC6-PC2	 <p>The screenshot shows a PC6 desktop environment with a window titled 'PC6'. The window has tabs for 'Physical', 'Config', 'Desktop' (selected), 'Programming', and 'Attributes'. Inside the 'Desktop' tab, there is a 'Command Prompt' window. The command prompt shows the following text:</p> <pre> C:\>ping 55.0.1.62 Pinging 55.0.1.62 with 32 bytes of data: Reply from 55.0.1.62: bytes=32 time<1ms TTL=123 Reply from 55.0.1.62: bytes=32 time=1ms TTL=123 Reply from 55.0.1.62: bytes=32 time=1ms TTL=123 Reply from 55.0.1.62: bytes=32 time=1ms TTL=123 Ping statistics for 55.0.1.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 1ms, Average = 0ms </pre>
PC6-PC3	 <p>The screenshot shows a PC6 desktop environment with a window titled 'PC6'. The window has tabs for 'Physical', 'Config', 'Desktop' (selected), 'Programming', and 'Attributes'. Inside the 'Desktop' tab, there is a 'Command Prompt' window. The command prompt shows the following text:</p> <pre> C:\> C:\>ping 55.0.2.126 Pinging 55.0.2.126 with 32 bytes of data: Reply from 55.0.2.126: bytes=32 time<1ms TTL=125 Reply from 55.0.2.126: bytes=32 time<1ms TTL=125 Reply from 55.0.2.126: bytes=32 time<1ms TTL=125 Reply from 55.0.2.126: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.2.126: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre>
PC6-PC4	 <p>The screenshot shows a PC6 desktop environment with a window titled 'PC6'. The window has tabs for 'Physical', 'Config', 'Desktop' (selected), 'Programming', and 'Attributes'. Inside the 'Desktop' tab, there is a 'Command Prompt' window. The command prompt shows the following text:</p> <pre> C:\> C:\>ping 55.0.3.62 Pinging 55.0.3.62 with 32 bytes of data: Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Reply from 55.0.3.62: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.3.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre>

PC6-PC5	<div data-bbox="459 129 1449 750"> <div>PC6</div> <div>Physical Config Desktop Programming At</div> <div>Command Prompt</div> <pre> C:\> C:\>ping 55.0.4.14 Pinging 55.0.4.14 with 32 bytes of data: Reply from 55.0.4.14: bytes=32 time<1ms TTL=126 Reply from 55.0.4.14: bytes=32 time<1ms TTL=126 Reply from 55.0.4.14: bytes=32 time<1ms TTL=126 Reply from 55.0.4.14: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.4.14: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre> </div>
PC6-PC7	<div data-bbox="459 750 1449 1299"> <div>PC6</div> <div>Physical Config Desktop Programming Attributes</div> <div>Command Prompt</div> <pre> C:\>ping 55.0.6.30 Pinging 55.0.6.30 with 32 bytes of data: Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Reply from 55.0.6.30: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.6.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre> </div>
PC7-PC1	<div data-bbox="459 1377 1449 1942"> <div>PC7</div> <div>Physical Config Desktop Programming Attributes</div> <div>Command Prompt</div> <pre> C:\>ping 55.0.0.254 Pinging 55.0.0.254 with 32 bytes of data: Reply from 55.0.0.254: bytes=32 time=11ms TTL=125 Reply from 55.0.0.254: bytes=32 time<1ms TTL=125 Reply from 55.0.0.254: bytes=32 time<1ms TTL=125 Reply from 55.0.0.254: bytes=32 time<1ms TTL=125 Ping statistics for 55.0.0.254: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 11ms, Average = 2ms </pre> </div>

PC7-PC2	 <p>The screenshot shows a window titled 'PC7' with tabs for 'Physical', 'Config', 'Desktop' (selected), and 'Programming'. Inside the 'Desktop' tab is a 'Command Prompt' window. The text in the Command Prompt is as follows:</p> <pre> C:\> C:\>ping 55.0.1.62 Pinging 55.0.1.62 with 32 bytes of data: Reply from 55.0.1.62: bytes=32 time<1ms TTL=124 Reply from 55.0.1.62: bytes=32 time=1ms TTL=124 Reply from 55.0.1.62: bytes=32 time<1ms TTL=124 Reply from 55.0.1.62: bytes=32 time<1ms TTL=124 Ping statistics for 55.0.1.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 1ms, Average = 0ms </pre>
PC7-PC3	 <p>The screenshot shows a window titled 'PC7' with tabs for 'Physical', 'Config', 'Desktop' (selected), 'Programming', and 'Att'. Inside the 'Desktop' tab is a 'Command Prompt' window. The text in the Command Prompt is as follows:</p> <pre> C:\> C:\>ping 55.0.2.126 Pinging 55.0.2.126 with 32 bytes of data: Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Reply from 55.0.2.126: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.2.126: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre>
PC7-PC4	 <p>The screenshot shows a window titled 'PC7' with tabs for 'Physical', 'Config', 'Desktop' (selected), 'Programming', and 'Attribu'. Inside the 'Desktop' tab is a 'Command Prompt' window. The text in the Command Prompt is as follows:</p> <pre> C:\>ping 55.0.3.62 Pinging 55.0.3.62 with 32 bytes of data: Reply from 55.0.3.62: bytes=32 time<1ms TTL=126 Reply from 55.0.3.62: bytes=32 time<1ms TTL=126 Reply from 55.0.3.62: bytes=32 time<1ms TTL=126 Reply from 55.0.3.62: bytes=32 time=2ms TTL=126 Ping statistics for 55.0.3.62: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 2ms, Average = 0ms </pre>

PC7-PC5	<div data-bbox="459 129 1441 745"> <div>PC7</div> <div>Physical Config Desktop Programming</div> <div>Command Prompt</div> <pre> C:\> C:\>ping 55.0.4.14 Pinging 55.0.4.14 with 32 bytes of data: Reply from 55.0.4.14: bytes=32 time=6ms TTL=126 Reply from 55.0.4.14: bytes=32 time<1ms TTL=126 Reply from 55.0.4.14: bytes=32 time<1ms TTL=126 Reply from 55.0.4.14: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.4.14: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 6ms, Average = 1ms </pre> </div>
PC7-PC6	<div data-bbox="459 757 1441 1344"> <div>PC7</div> <div>Physical Config Desktop Programming Attr</div> <div>Command Prompt</div> <pre> Cisco Packet Tracer PC Command Line 1.0 C:\>ping 55.0.5.30 Pinging 55.0.5.30 with 32 bytes of data: Reply from 55.0.5.30: bytes=32 time<1ms TTL=126 Reply from 55.0.5.30: bytes=32 time<1ms TTL=126 Reply from 55.0.5.30: bytes=32 time<1ms TTL=126 Reply from 55.0.5.30: bytes=32 time<1ms TTL=126 Ping statistics for 55.0.5.30: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms </pre> </div>