TUGAS PRAKTIKUM ROUTING DAN KEMANAN JARINGAN

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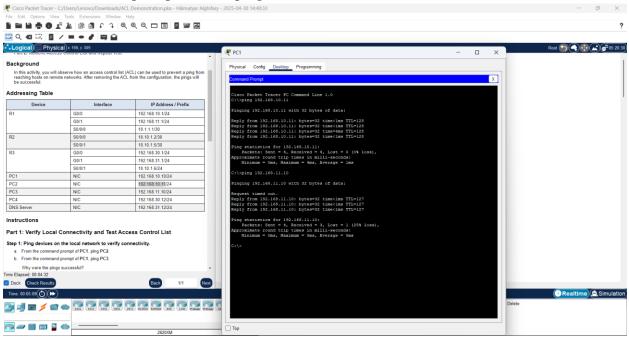
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Part 1: Verify Local Connectivity and Test Access Control List

Step 1: Ping devices on the local network to verify connectivity.

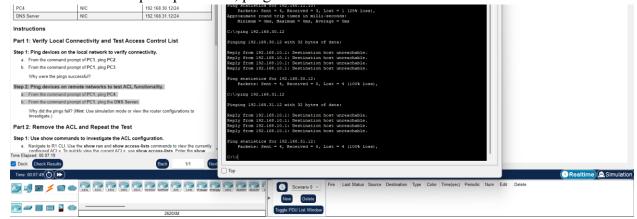
• From the command prompt of PC1, ping PC2.

• From the command prompt of PC1, ping PC3



Step 2: Ping devices on remote networks to test ACL functionality.

- From the command prompt of PC1, ping PC4.
- From the command prompt of PC1, ping the DNS Server.



Part 2: Remove the ACL and Repeat the Test

Step 1: Use show commands to investigate the ACL configuration.

• show access-lists?

• show run | include interface|access

```
Rl#show run | include interface|access
interface GigabitEthernet0/0
interface GigabitEthernet0/1
interface Serial0/0/0
ip access-group 11 out
interface Serial0/0/1
interface Vlanl
access-list 11 deny 192.168.10.0 0.0.0.255
access-list 11 permit any
Rl#

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```

Step 2: Remove access list 11 from the configuration.

• Serial0/0/0 interface

Rl#conf t Enter configuration commands, one per line. End with CNTL/Z. Rl(config) #interface s0/0/0 Rl(config-if) #no ip access-group 11 out Rl(config-if) #	
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• Remove the ACL.

R1(config) #no access-list 11 R1(config) #	I
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• Verify that PC1 can now ping the DNS Server and PC4.

```
C:\>ping 192.168.30.12
  Pinging 192.168.30.12 with 32 bytes of data:
  Request timed out.
  Reply from 192.168.30.12: bytes=32 time=39ms TTL=125
Reply from 192.168.30.12: bytes=32 time=2ms TTL=125
  Reply from 192.168.30.12: bytes=32 time=25ms TTL=125
  Ping statistics for 192.168.30.12:
  Packets: Sent = 4, Received = 3, Lost = 1 (25% loss), Approximate round trip times in milli-seconds:
       Minimum = 2ms, Maximum = 39ms, Average = 22ms
  C:\>ping 192.168.31.12
  Pinging 192.168.31.12 with 32 bytes of data:
  Request timed out.
  Reply from 192.168.31.12: bytes=32 time=32ms TTL=125
  Reply from 192.168.31.12: bytes=32 time=22ms TTL=125
  Reply from 192.168.31.12: bytes=32 time=43ms TTL=125
  Ping statistics for 192.168.31.12:
  Packets: Sent = 4, Received = 3, Lost = 1 (25% loss), Approximate round trip times in milli-seconds:
       Minimum = 22ms, Maximum = 43ms, Average = 32ms
Пор
```