

PC\_Internal

Physical Config Desktop Programming Attributes

Command Prompt X

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.1

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=4ms 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 = 4ms, Average = 1ms

C:\>
```

Top

Web\_DMZ

Physical Config Services Desktop Programming Attributes

Command Prompt X

```
Cisco Packet Tracer SERVER Command Line 1.0
C:\>ping 192.168.2.1

Pinging 192.168.2.1 with 32 bytes of data:

Reply from 192.168.2.1: bytes=32 time<1ms TTL=255

Ping statistics for 192.168.2.1:
  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
  Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

Top

```
Router_FW#
%SYS-5-CONFIG_I: Configured from console by console
write memory
Building configuration...
[OK]
Router_FW# write memory
Building configuration...
[OK]
Router_FW#show run interface gigabitEthernet0/2
^
% Invalid input detected at '^' marker.

Router_FW#^Z
Router_FW#
Router_FW# shwo run interface gigabitEthernet0/2
^
% Invalid input detected at '^' marker.

Router_FW# show run interface gigabitEthernet0/2
^
% Invalid input detected at '^' marker.

Router_FW#show run interface gigabitEthernet0/2
^
% Invalid input detected at '^' marker.

Router_FW# show run interface gigabitethernet0/2
^
% Invalid input detected at '^' marker.

Router_FW#show run interface gigabitEthernet0/2
^
% Invalid input detected at '^' marker.

Router_FW#show access-lists
Extended IP access list 100
  10 permit tcp any host 192.168.3.1 eq www (12 match(es))
  20 deny ip any any (11 match(es))
Extended IP access list 110
  10 deny ip 192.168.2.0 0.0.0.255 192.168.1.0 0.0.0.255 (67 match(es))
  20 permit ip any any (56 match(es))
  30 deny tcp 192.168.1.0 0.0.0.255 192.168.2.0 0.0.0.255
  40 deny tcp 192.168.1.0 0.0.0.255 host 192.168.2.10 eq www
```

Router\_FW#



Router\_FW

Physical Config **CLI** Attributes

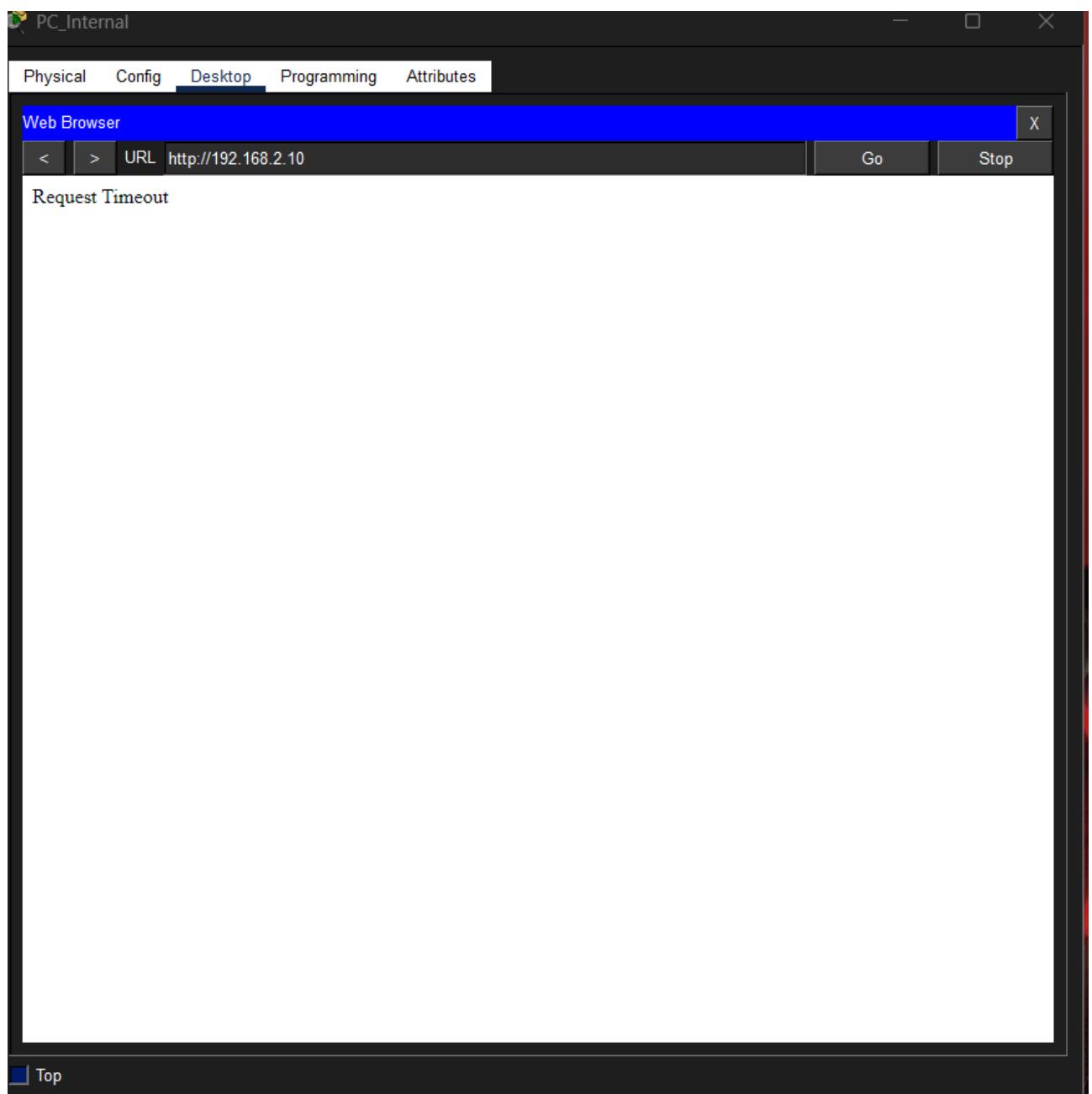
```
Building configuration...
[OK]
Router_FW# configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router_FW(config)# access-list 100 permit tcp any host 192.168.3.1 eq 80
Router_FW(config)# access-list 100 deny ip any any
Router_FW(config)#
Router_FW(config)# interface gigabitEthernet0/2
Router_FW(config-if)# ip access-group 100 in
Router_FW(config-if)# exit
Router_FW(config)# access-list 110 deny ip 192.168.2.0 0.0.0.255 192.168.1.0 0.0.0.255
Router_FW(config)# access-list 110 permit ip any any
Router_FW(config)# interface gigabitEthernet0/1
Router_FW(config-if)# ip access-group 110 in
Router_FW(config-if)# exit
Router_FW(config)# end
Router_FW#write memory
%SYS-5-CONFIG_I: Configured from console by console

Building configuration...
[OK]
Router_FW# enable
Router_FW# configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router_FW(config)# interface gigabitEthernet0/0
Router_FW(config-if)# no ip access-group 110 in
Router_FW(config-if)# exit
Router_FW(config)# interface gigabitEthernet0/2
Router_FW(config-if)# no ip access-group 100 in
Router_FW(config-if)# exit
Router_FW(config)# no access-list 100
Router_FW(config)# no access-list 110
Router_FW(config)# end
Router_FW#write memory
%SYS-5-CONFIG_I: Configured from console by console

Building configuration...
[OK]
Router_FW#show ip interface brief
Interface          IP-Address      OK? Method Status      Protocol
GigabitEthernet0/0  192.168.1.1    YES manual up        up
GigabitEthernet0/1  192.168.2.1    YES manual up        up
GigabitEthernet0/2  192.168.3.1    YES manual up        up
Vlan1              unassigned     YES unset administratively down down
Router_FW#
```

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**Top**



Router\_FW

Physical Config **CLI** Attributes

Press RETURN to get started.

```
Router_FW>show run interface g0/0
      ^
% Invalid input detected at '^' marker.

Router_FW> show interface g0/0
GigabitEthernet0/0 is up, line protocol is up (connected)
  Hardware is CN Gigabit Ethernet, address is 0001.6473.0601 (bia 0001.6473.0601)
  Internet address is 192.168.1.1/24
  MTU 1500 bytes, BW 100000 Kbit, DLY 100 usec,
    reliability 255/255, txload 1/255, rxload 1/255
  Encapsulation ARPA, loopback not set
  Keepalive set (10 sec)
  Full-duplex, 100Mb/s, media type is RJ45
  output flow-control is unsupported, input flow-control is unsupported
  ARP type: ARPA, ARP Timeout 04:00:00,
  Last input 00:00:08, output 00:00:05, output hang never
  Last clearing of "show interface" counters never
  Input queue: 0/75/0 (size/max/drops); Total output drops: 0
  Queueing strategy: fifo
  Output queue :0/40 (size/max)
  5 minute input rate 0 bits/sec, 0 packets/sec
  5 minute output rate 0 bits/sec, 0 packets/sec
    503 packets input, 21211 bytes, 0 no buffer
    Received 2 broadcasts, 0 runts, 0 giants, 0 throttles
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 watchdog, 1017 multicast, 0 pause input
    0 input packets with dribble condition detected
--More--
```

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Router\_FW

Physical Config **CLI** Attributes

```
Router_FW(config)#access-list 110 permit ip any any
Router_FW(config)#interface g0/2
Router_FW(config-if)#ip access-group 100 in
Router_FW(config-if)#exit
Router_FW(config)#interface g0/1
Router_FW(config-if)#ip access-group 110 in
Router_FW(config-if)#exit
Router_FW(config)#end
Router_FW#
%SYS-5-CONFIG_I: Configured from console by console
write memory
Building configuration...
[OK]
Router_FW#show \interface g0/0
^
% Invalid input detected at '^' marker.

Router_FW#show interface g0/
^
% Invalid input detected at '^' marker.

Router_FW#show interface g0/0
GigabitEthernet0/0 is up, line protocol is up (connected)
  Hardware is CN Gigabit Ethernet, address is 0001.6473.0601 (bia 0001.6473.0601)
  Internet address is 192.168.1.1/24
  MTU 1500 bytes, BW 100000 Kbit, DLY 100 usec,
    reliability 255/255, txload 1/255, rxload 1/255
  Encapsulation ARPA, loopback not set
  Keepalive set (10 sec)
  Full-duplex, 100Mb/s, media type is RJ45
  output flow-control is unsupported, input flow-control is unsupported
  ARP type: ARPA, ARP Timeout 04:00:00,
  Last input 00:00:08, output 00:00:05, output hang never
  Last clearing of "show interface" counters never
  Input queue: 0/75/0 (size/max/drops); Total output drops: 0
  Queueing strategy: fifo
  Output queue :0/40 (size/max)
  5 minute input rate 20 bits/sec, 0 packets/sec
  5 minute output rate 0 bits/sec, 0 packets/sec
    539 packets input, 23079 bytes, 0 no buffer
    Received 2 broadcasts, 0 runts, 0 giants, 0 throttles
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 watchdog, 1017 multicast, 0 pause input
    0 input packets with dribble condition detected
--More--
```

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Top

Router\_FW

Physical Config **CLI** Attributes

```
Router_FW(config)#end
Router_FW#
%SYS-5-CONFIG_I: Configured from console by console
write memory
Building configuration...
[OK]
Router_FW#show \interface g0/0
^
% Invalid input detected at '^' marker.

Router_FW#show interface g0/
^
% Invalid input detected at '^' marker.

Router_FW#show interface g0/0
GigabitEthernet0/0 is up, line protocol is up (connected)
  Hardware is CN Gigabit Ethernet, address is 0001.6473.0601 (bia 0001.6473.0601)
  Internet address is 192.168.1.1/24
  MTU 1500 bytes, BW 100000 Kbit, DLY 100 usec,
    reliability 255/255, txload 1/255, rxload 1/255
  Encapsulation ARPA, loopback not set
  Keepalive set (10 sec)
  Full-duplex, 100Mb/s, media type is RJ45
  output flow-control is unsupported, input flow-control is unsupported
  ARP type: ARPA, ARP Timeout 04:00:00,
  Last input 00:00:08, output 00:00:05, output hang never
  Last clearing of "show interface" counters never
  Input queue: 0/75/0 (size/max/drops); Total output drops: 0
  Queueing strategy: fifo
  Output queue :0/40 (size/max)
  5 minute input rate 20 bits/sec, 0 packets/sec
  5 minute output rate 0 bits/sec, 0 packets/sec
    539 packets input, 23079 bytes, 0 no buffer
    Received 2 broadcasts, 0 runts, 0 giants, 0 throttles
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 watchdog, 1017 multicast, 0 pause input
    0 input packets with dribble condition detected
    18 packets output, 1140 bytes, 0 underruns
    0 output errors, 0 collisions, 1 interface resets
    0 unknown protocol drops
    0 babbles, 0 late collision, 0 deferred
    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out

Router_FW#
```

Router\_FW

Physical Config **CLI** Attributes

```
Router_FW con0 is now available

Press RETURN to get started.

Router_FW> enable
Router_FW# configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router_FW(config)#no access-list 110
Router_FW(config)#access-list 110 deny ip 192.168.2.0 0.0.0.255 192.168.1.0 0.0.0.255
Router_FW(config)#access-list 110 permit ip any any
Router_FW(config)#interface g0/1
Router_FW(config-if)#ip access-group 110 in
Router_FW(config-if)#exit
Router_FW(config)#end
Router_FW#
%SYS-5-CONFIG_I: Configured from console by console
write memory
Building configuration...
[OK]
Router_FW#show access-list
Extended IP access list 100
  10 permit tcp any host 192.168.3.1 eq www
  20 deny ip any any
Extended IP access list 110
  10 deny ip 192.168.2.0 0.0.0.255 192.168.1.0 0.0.0.255 (52 match(es))
  20 permit ip any any

Router_FW#
```