

```
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
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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#
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Router_FW

PhysicalConfigCLIAttributes

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

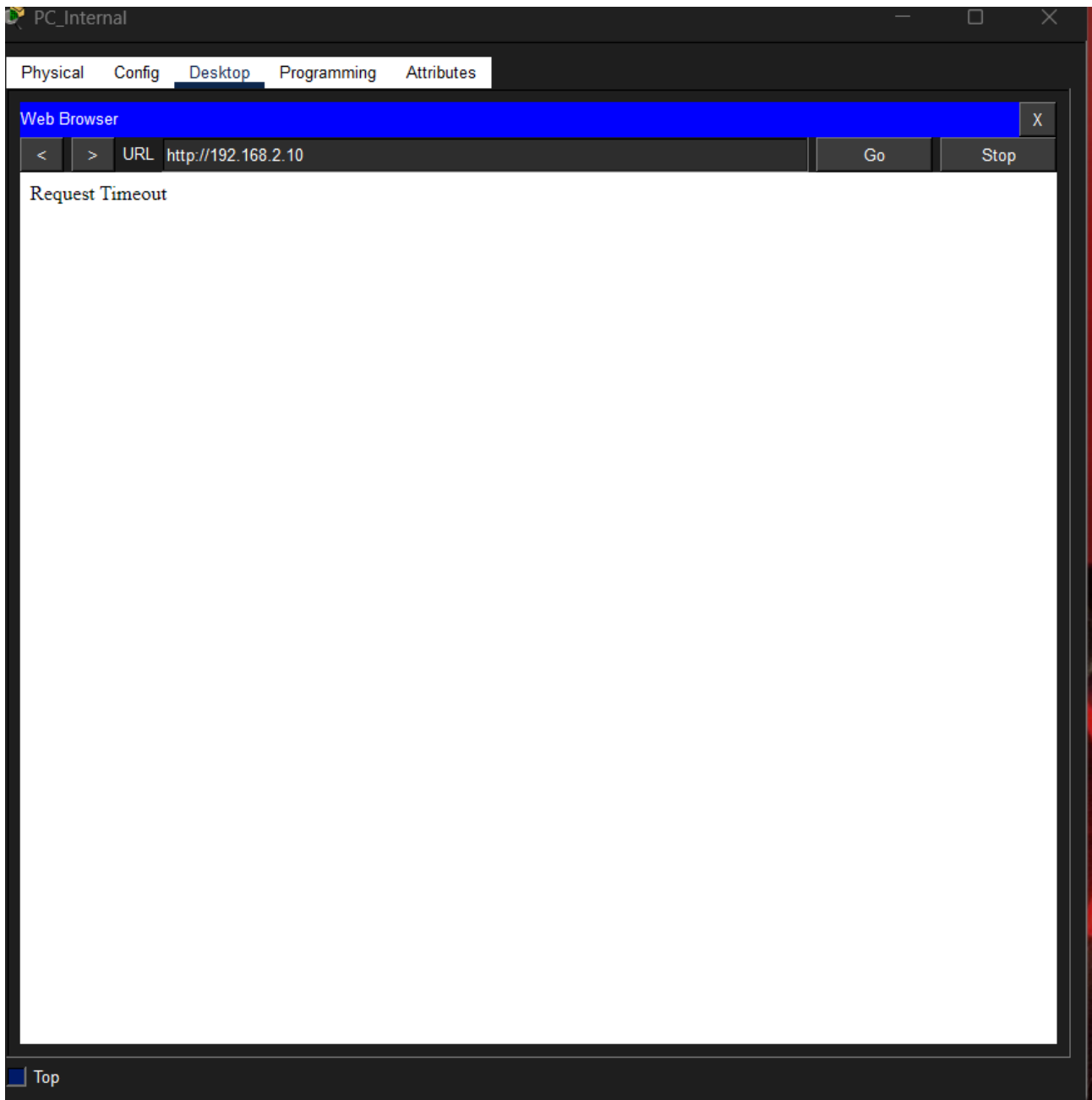
Building configuration...
[OK]
Router_FW#show ip interface brief


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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 Router_FW


PhysicalConfigCLIAttributes

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

PhysicalConfigCLIAttributes

```
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
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Router_FW#show interface g0/
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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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Router_FW

PhysicalConfigCLIAttributes

```
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#
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Router_FW

PhysicalConfigCLIAttributes

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#

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