



## Interface Configuration

INTERFACE	IP Configuration
FastEthernet0/0	IPv4 Address 172.16.3.6
FastEthernet1/0	Subnet Mask 255.255.252.0
Serial2/0	

INTERFACE	IP Configuration
FastEthernet0/0	IPv4 Address 172.16.4.13
FastEthernet1/0	Subnet Mask 255.255.252.0
Serial2/0	

INTERFACE	IP Configuration
FastEthernet0/0	IPv4 Address 10.0.0.2
FastEthernet1/0	Subnet Mask 255.0.0.0
Serial2/0	Tx Ring Limit 10

## Standard Access List

```
Router(config)#access-list 1 permit 172.16.0.0 0.0.255.255
Router(config)#interface fa0/0
Router(config-if)#ip access-group 1 out
Router(config-if)#interface fa1/0
Router(config-if)#ip access-group 1 out
Router(config-if)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#sh access-list 1
      ^
% Invalid input detected at '^' marker.

Router#sh access-list 1
Standard IP access list 1
    permit 172.16.0.0 0.0.255.255
    permit 172.16.0.0 0.0.255.255
```

## Extended Access List

```
Router(config)#access-list 101 deny tcp 172.16.4.0 0.0.0.255 any eq 23
Router(config)#access-list 101 permit ip any any
Router(config)#interface fa0/0
Router(config-if)#ip access-group 101 out
Router(config-if)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#sh access-list 101
Extended IP access list 101
    deny tcp 172.16.4.0 0.0.0.255 any eq telnet
    permit ip any any
```