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Configuring the Router

To configure the Cisco Integrated Services Router, perform the following steps.

Connect

Option 1 Connect to the router by opening a telnet session from the terminal window on a PC running Windows OS. Then go to the next step -- *Connect to the Cisco Integrated Services Router using Telnet*

Option 2 Use secure shell (SSH) -- for example by using client emulation software PuTTY. Then go to step *Enter your username and password*

Connect to the Cisco Integrated Services Router using Telnet

```
telnet ip-address
```

Enter your username and password

```
Username: username
```

```
Password: password
```

Example:

```
telnet 192.168.1.39
Trying 192.168.1.39 ... Open
.....
User Access Verification

Username: cisco
Password: cisco
2800_w_axp#
```

Check the Mode

In the example above, the # sign shows that you are in privileged EXEC mode. If you see a > symbol instead of the # symbol as the prompt, enter the `enable` command, followed by your password to enable the Cisco ISR.

Verify the Running Configuration

To check the running configuration enter the following command:

```
#show running-config
```

Example:

```
interface GigabitEthernet0/0
ip address 10.7.0.90 255.255.255.0
shutdown
duplex auto
speed auto
media-type rj45
!
interface GigabitEthernet0/1
ip address 172.16.10.1 255.255.255.0
duplex auto
speed auto
media-type rj45
!
interface Integrated-Service-Engine4/0
ip unnumbered GigabitEthernet0/1
service-module ip address 172.16.10.2 255.255.255.0
!Application: Online on NME
service-module ip default-gateway 172.16.10.190
no keepalive
!
```

Tip: Press the space bar to scroll through the output if the entire configuration is not visible on your screen.

The running configuration shows multiple interfaces, for example: eth0, eth1, and Integrated-Service-Engine1/0 (ISE1/0). The number of interfaces depends on the model of router and the number of installed service modules. For links to hardware documentation, refer to the relevant [Release Notes](#).

Show the Interfaces

show interfaces shows all the interfaces.

show interfaces *interface_name* shows only the specified interface.

Example:

```
2800_w_axp# show interfaces
2800_w_axp# show interfaces eth0
2800_w_axp# show interfaces eth1
2800_w_axp# show interfaces Integrated-Service-Engine 1/0
```

Tip: To scroll through the output, press the space bar repeatedly.

Additional References

For further information on configuring Cisco routers, refer to links in the Platform-Specific Documents section in the [Cisco AXP Release Notes](#)

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