

Switch

Switch> **enable**
Switch#

Switch# **disable**
Switch>

Switch# **configure terminal**
Switch(config)#

Switch(config)# **interface gigabitethernet0/1**
Switch(config-if)# **exit**
Switch(config)#

Switch# **ping 10.1.1.1**
Switch# **tracert 10.1.1.1**

Switch# **show interfaces**

Switch# **show version**

Switch# **show flash**

Switch# **show processes**

Switch# **show vlan**

Switch# **show mac-address-table**

Switch# **show running-config**

Switch# **show startup-config**

Switch(config)# **hostname Switch-Floor-1**

Switch(config)# **enable secret cisco123**

Switch(config)# **enable password cisco123**

Switch(config)# **line console 0**
Switch(config-line)# **password cisco333**
Switch(config-line)# **login**
Switch(config-line)# **exit**

Switch(config)# **line vty 0 15**
Switch(config-line)# **password cisco111**
Switch(config-line)# **login**
Switch(config-line)# **exit**
Switch(config)# **service password-encryption**

Switch(config)# **banner motd #message#**

Switch# **copy running-config startup-config**

Switch# **reload**

Switch# **delete vlan.dat**

Switch# **erase startup-config**

Switch# **show ip interface brief**

Switch(config)# **interface vlan 1**
Switch(config-if)# **ip address 172.16.10.1**
255.255.255.0
Switch(config-if)# **no shutdown**
Switch(config-if)# **exit**

Switch(config)# **ip default-gateway**
172.16.10.254

Router

```
Router# show ip route
```

```
Router# show ip arp
```

```
Router(config)# interface gi0/0
```

```
Router(config-if)# description Link to LAN
```

```
Router(config-if)# ip address 192.168.10.1
```

```
255.255.255.0
```

```
Router(config-if)# no shutdown
```

```
Router(config-if)# exit
```

```
router# ping
```

```
router(config)# interface gi0/2
```

```
router(config)# exit
```

```
router# show ip protocols
```

```
router# copy running-config tftp
```

```
router# copy startup-config tftp
```

```
router# telnet 10.10.10.1
```