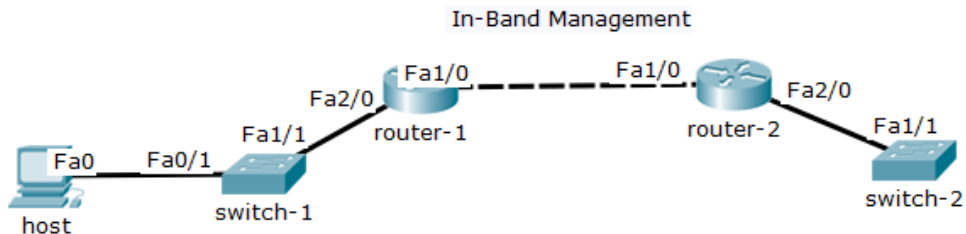


# Virtual Terminal Lines (VTY)

## Lab Summary

Configure the default VTY lines on router-1 and router-2 for remote access (Telnet/SSH).

**Figure 1** Lab Topology



## Lab Configuration

Start Packet Tracer File: **VTY**

### *Router-1*

Step 1: Click *Router-1* icon and select the *CLI* folder. Press <enter> key for user mode prompt.

Step 2: Enter global configuration mode

```
router-1> enable
router-1# configure terminal
```

Step 3: Configure an enable password on router-1 for any Telnet or SSH access. This is a Cisco security requirement and not optional here.

```
router-1(config)# enable password cisco123
```

Step 4: Enable default VTY 0 4 lines with password *ccnaexam* and a timeout value of 5 minutes.

```
router-1(config)# line vty 0 4
router-1(config-line)# password ccnaexam
router-1(config-line)# login
router-1(config-line)# exec-timeout 5
router-1(config-line)# end
router-1# copy running-config startup-config
```

## *Router-2*

Step 1: Click *Router-2* icon and select the *CLI* folder. Press <enter> key for user mode prompt.

Step 2: Enter global configuration mode

```
router-2> enable  
router-2# configure terminal
```

Step 3: Configure an enable password on router-2 for any Telnet or SSH access. This is a Cisco security requirement and not optional here.

```
router-2(config)# enable password ciscoconet
```

Step 4: Enable default VTY 0 4 lines with password *ccnaexam* and a timeout value of 5 minutes.

```
router-2(config)# line vty 0 4  
router-2(config-line)# password ccnaexam  
router-2(config-line)# login  
router-2(config-line)# exec-timeout 5  
router-2(config-line)# end  
router-2# copy running-config startup-config
```

Step 5: Verify Lab

Start a Telnet session from host-1 command prompt to router-1 and verify there is remote access.

```
host-1: c:/> telnet 192.168.2.1  
password: ccnaexam  
router-1 > enable  
password: ciscoconet  
router-1# exit  
[Connection to 192.168.2.1 closed by foreign host]
```

Start a Telnet session from router-1 to router-2 and verify there is remote access.

```
router-1# telnet 192.168.2.2  
password: ccnaexam  
router-2 > enable  
password: ciscoconet  
router-2# exit
```