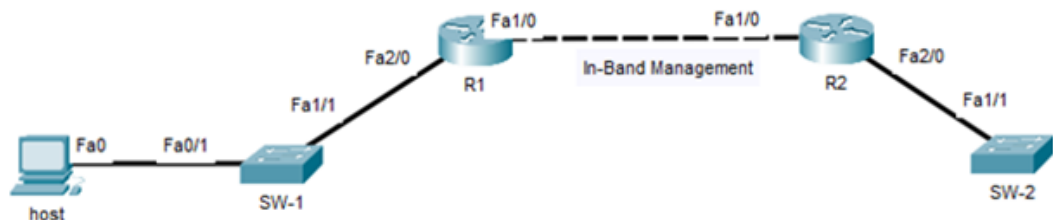


Virtual Terminal Lines (VTY)

Lab Summary

Configure the default VTY lines on R1 and R2 for remote management access.

Figure 1 Lab Topology



Lab Configuration

Start Packet Tracer File: **vty.pkt**

Step 1: Click *R1* icon and select *CLI* folder.

Step 2: Enter global configuration mode

```
R1> enable  
R1# configure terminal
```

Step 3: Configure a secret enable password on R1 for Telnet access. Enable password is mandatory for remote management access with Telnet.

```
R1(config)# enable secret cisco123
```

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

```
R1(config)# line vty 0 4  
R1(config-line)# password ccnaexam  
R1(config-line)# login  
R1(config-line)# exec-timeout 5  
R1(config-line)# end  
R1# copy running-config startup-config
```

Step 5: Click *R2* icon and select the *CLI* folder.

Step 6: Enter global configuration mode

```
R2> enable  
R2# configure terminal
```

Step 7: Configure a secret enable password on R2 for Telnet access. Enable password is mandatory for remote management access with Telnet.

```
R2(config)# enable secret cisco
```

Step 8: Enable default VTY 0 4 lines with password *ccnaexam* and a timeout value of 5 minutes.

```
R2(config)# line vty 0 4  
R2(config-line)# password ccnaexam  
R2(config-line)# login  
R2(config-line)# exec-timeout 5  
R2(config-line)# end  
R2# copy running-config startup-config
```

Step 9: Verify Lab

Start a Telnet session from host-1 command prompt to R1 and verify there is remote access.

```
host-1: c:/> telnet 192.168.2.1  
password: ccnaexam  
R1 > enable  
password: cisco  
R1# exit  
[Connection to 192.168.2.1 closed by foreign host]
```

Start a Telnet session from R1 to R2 and verify there is remote access.

```
R1# telnet 192.168.2.2  
password: ccnaexam  
R2 > enable  
password: cisco  
R2# exit
```