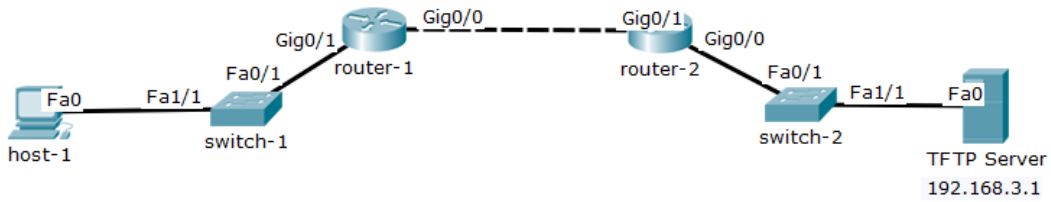
TFTP Server

Lab Summary

Make a backup of the IOS system image and startup configuration of router-1 to a TFTP server.

Figure 1 Lab Topology



Lab Configuration

Start Packet Tracer File: **TFTP**

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**
Password: **cisconet**
router-1#

Step 3: List the contents of Flash memory for IOS system image name.

router-1# **show flash**

System flash directory:

File	Length	Name/status
3	33591768	**c2900-universalk9-mz.SPA.151-4.M4.bin**
2	28282	sigdef-category.xml
1	227537	sigdef-default.xml

[33847587 bytes used, 221896413 available, 255744000 total]

249856K bytes of processor board System flash (Read/Write)

Step 4: Backup IOS system image **c2900-universalk9-mz.SPA.151-4.M4.bin** on router-1 to TFTP server.

router-1# **copy flash: tftp:**

Source filename []? **c2900-universalk9-mz.SPA.151-4.M4.bin**
Address or name of remote host []? **192.168.3.1**
Destination filename [c2900-universalk9-mz.SPA.151-4.M4.bin]? **router-1 IOS**

Writing c2900-universalk9-mz.SPA.151-
4.M4.bin.....!!!
!!!
!!!
!!!
!!!
[**OK** - 33591768 bytes]

33591768 bytes copied in 14.376 secs (245339 bytes/sec)

Step 5: List the contents of NVRAM to verify there is a startup configuration file.

router-1# **dir nvram**

Directory of nvram:/

238 -rw- 707 <no date> **startup-config**

707 bytes total (237588 bytes free)

Step 6: Backup the startup configuration on router-1 to TFTP server.

router-1# **copy startup-config tftp:**

Address or name of remote host []? 192.168.3.1
Destination filename [router-1-confg]? **router-1 startup-config**

Writing startup-config...!!
[**OK** - 791 bytes]

791 bytes copied in 0.018 secs (43944 bytes/sec)