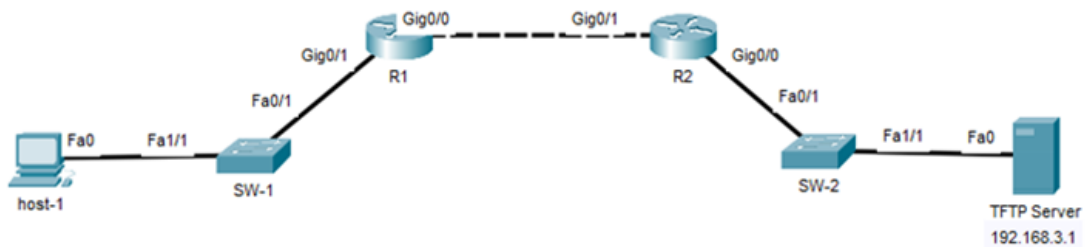


# TFTP Server

## Lab Summary

Make a backup of the IOS system image and startup configuration on R1 to a TFTP server.

**Figure 1** Lab Topology



## Lab Configuration

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

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

Step 2: Enter global configuration mode.

```
R1> enable
Password: cisconet
R1#
```

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

```
R1# show flash
```

System flash directory:

File	Length	Name/status
3	33591768	<b>c2900-universalk9-mz.SPA.151-4.M4.bin</b>
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 R1 to TFTP server.

**R1# 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]? **R1 IOS**

Writing c2900-universalk9-mz.SPA.151-

[illegible]

[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.

R1# 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 R1 to TFTP server.

```
R1# copy startup-config tftp:
```

Address or name of remote host []? 192.168.3.1

```
Destination filename [R1-config]? R1 startup-config
```

Writing startup-config...!!

[OK - 791 bytes]

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