

Cisco CCNA (200-302)

Transferring files using FTP or TFTP

Learning Objective: Use TFTP to update the cisco IOS

Description: FTP and TFTP great protocols to help us to transfer files between a client and the server. You also see how we can move IOS files from server back onto a switch or router using TFTP and what is required to do so.

Q: Why do we use FTP or TFTP on Cisco Routers?

Q: Is there is reason to use one over the other?

Q: Can you show us how to transfer a file using FTP?

- FTP server must be configured and ready. PLABCSCO01
 - Using FTP for file transfers interactive (NYEDGE1)

```
NYEDGE1(config)#ip ftp username cisco
NYEDGE1(config)#ip ftp password cisco123
NYEDGE1(config)#copy flash ftp
NYEDGE1#copy flash ftp
Source filename [c2900-universalk9-mz.SPA.154-3.M2.bin]?
Address or name of remote host []? 192.168.16.10
Destination filename [c2900-universalk9-mz.SPA.154-3.M2.bin]?
```

- Verify

****Q: What about using TFTP, can you show us that one too? ****

- TFTP server must be ready. PLABCSCO01
 - Using TFTP for file transfers.

```
NYCORE1(config)
NYCORE1#copy flash:/c3750-ipservicesk9-mz.122-50.SE5/c3750-ipservicesk9-mz.122-50.SE5.bin
Address or name of remote host []? 192.168.16.10
Destination filename [c3750-ipservicesk9-mz.122-50.SE5.bin]?
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
12244216 bytes copied in 28.588 secs (428299 bytes/sec)
```

- Verify

Endnotes, External and Etc.

- 4.9 Describe the capabilities and function of TFTP/FTP in the network