



Set Up a TFTP Server

Home > [SMB Support Assistant Configuration Overview](#) > Set Up a TFTP Server

Set Up a TFTP Server

- [Introduction](#)
- [Requirements](#)
- [Install TFTP Server Software](#)
- [Prepare for TFTP Transfer](#)
- [Initiate a TFTP File Transfer](#)
- [Related Information](#)

Introduction

This document explains how to set up a TFTP server to load a new Cisco IOS® software image on your Cisco device.

When you load a new software image on a Cisco device, you can use a TFTP server to transfer the files to the Cisco device. There are many free TFTP servers that can perform this task. This document uses TFTP32 version 2.80 for demonstration purposes. For further information, refer to the documentation for your TFTP server software.

Note: Cisco does not specifically recommend any particular TFTP implementation.

[Back to Top](#)

Requirements


To perform the steps described in this document, you need to have these items:

- A PC with an Internet connection
- A [crossover cable](#) to connect the Cisco device to a Windows PC

[Back to Top](#)

Install TFTP Server Software


To install the TFTP server, follow these steps:

1. Go to <http://tftpd32.jounin.net/> .
2. Follow the links to download TFTP32.
3. Download the .zip file to your computer.
4. Create a folder called TFTP32 on your desktop, and extract the .zip file to this folder.

Note: If you want to create a Windows Start menu shortcut to TFTP32, you can download the files to C:\Program Files\TFTP32 and create a shortcut to this location.

[Back to Top](#)

Service Requests

- [Open a service request](#) 
- [Update a service request](#) 

Download PDF



Feedback

Please rate this site:

++ + +/- - --

Suggestions for improvement:

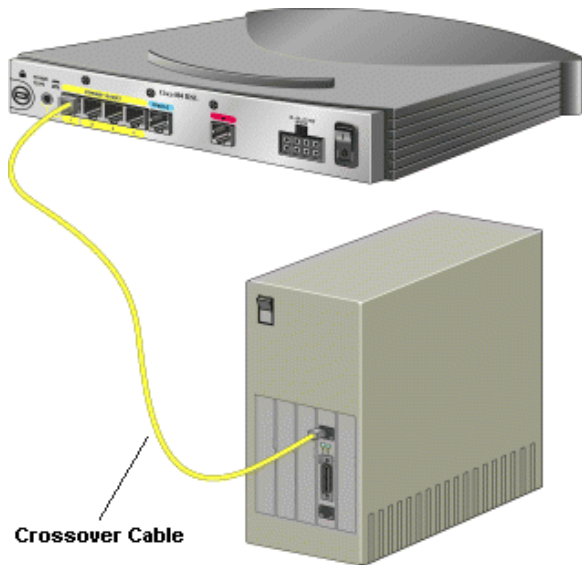
If Cisco may contact you for more details or for future feedback opportunities, please enter your contact information:

Full Name:
Email:

Prepare for TFTP Transfer

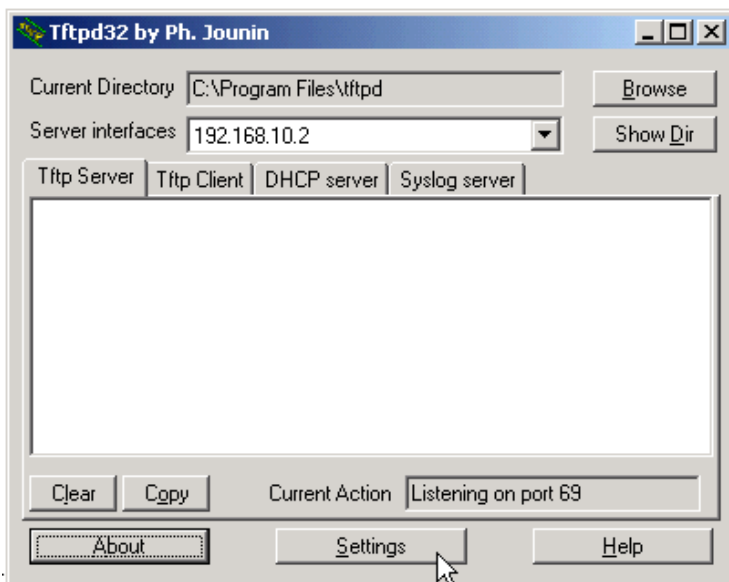
To prepare for a TFTP transfer, follow these steps:

1. Download the file that you want to send to your Cisco device. Common file types include IOS images, configuration files, and device manager files. Put the file in the same directory as the TFTP files.
2. Configure your PC and the Cisco device with IP addresses in the same range and the same subnet. For example, if your Cisco device is configured with the IP address of 10.0.0.1 with a subnet mask of 255.255.255.0, your computer must have an IP address from 10.0.0.2-254 and the same subnet mask. The TFTP server will use the IP address of the PC. For further information, refer to [Configure an IP Address on Your PC](#).
3. Connect your computer to the Ethernet interface of your Cisco device with a crossover cable. To identify a crossover cable, refer to [Cable Descriptions](#).

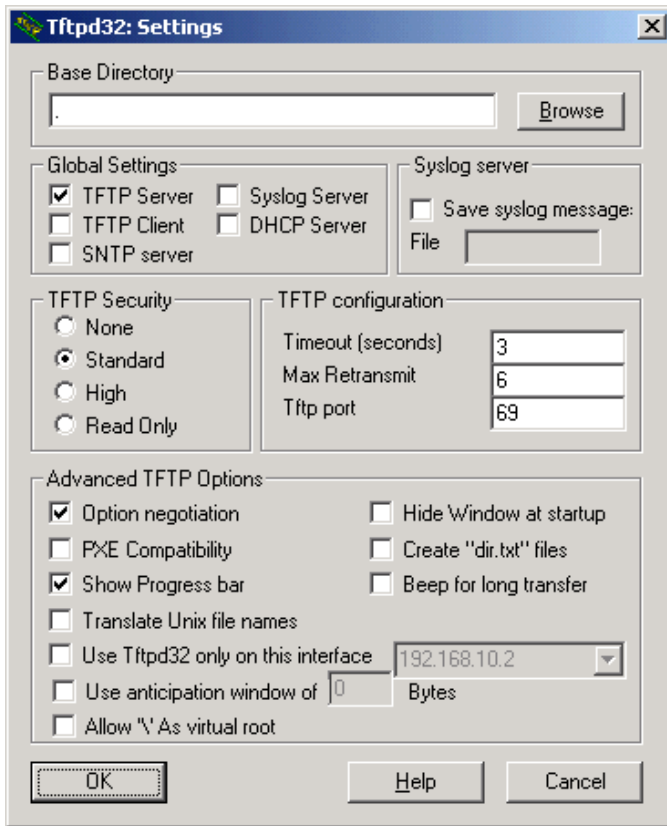


Caution: Cisco recommends this option to ensure that you do not experience errors when you transfer files. Cisco does not recommend TFTP transfers over wireless or wide-area networks.

4. Double-click the tftpd32.exe file to launch TFTP.D.
5. Click **Settings**.



6. Under **Global Settings**, ensure that only **TFTP Server** is selected.



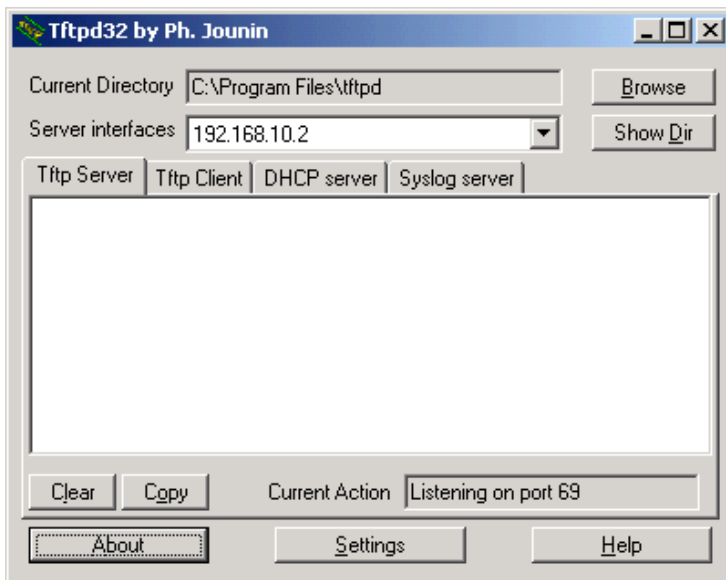
7. Click **OK**.

[Back to Top](#)

Initiate a TFTP File Transfer

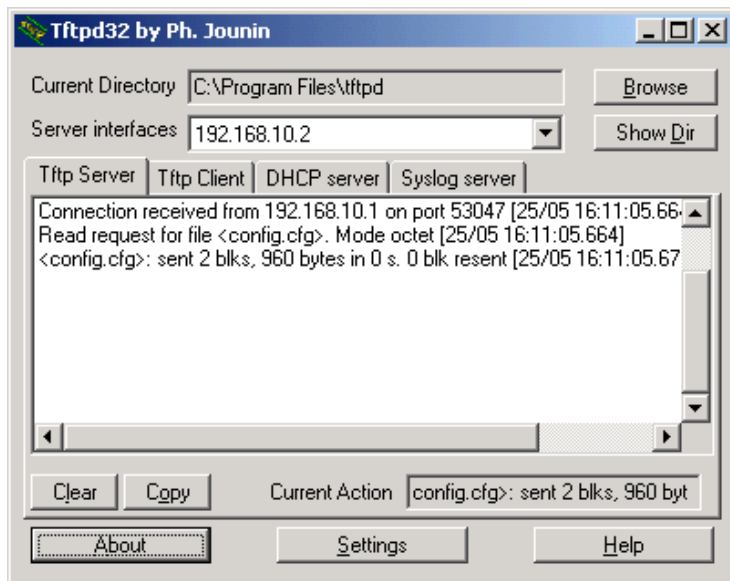
To initiate a TFTP file transfer, follow these steps:

1. If TFTP.D is not open, double-click the tftpd32.exe file to launch TFTP.D.
2. Check to make sure that the IP address next to **Server interfaces** is correct. If the address is incorrect, close TFTP.D, check the settings on your computer, and reopen TFTP.D.



3. Access your Cisco device, open a TFTP connection to the IP address of your computer, and specify the exact name of the file you want to download.

4. TFTP displays output similar to this example during the file transfer.



5. When the file transfer is complete, close the TFTP window.

[Back to Top](#)

Related Information

- [Cable Descriptions](#)
- [Configure an IP Address on Your PC](#)
- [Create a HyperTerminal Connection](#)