

# 1 TFTP Server Commands

Command	Function
<a href="#">tftp-server enable</a>	Enable the TFTP server.
<a href="#">tftp-server topdir</a>	Configure the top-level directory under which the TFTP client can read and write files.
<a href="#">show tftp-server</a>	Display the configurations of the current TFTP server.
<a href="#">show tftp-server updating-list</a>	Display the file download progress of the current TFTP client.

## 1.1 tftp-server enable

### Function

Run the **tftp-server enable** command to enable the TFTP server.

Run the **no** form of this command to disable the TFTP server.

The TFTP server is disabled by default.

### Syntax

**tftp-server enable**

**no tftp-server enable**

### Parameter Description

N/A

### Command Modes

Global configuration mode

### Default Level

14

### Usage Guidelines

After the TFTP server is enabled, files can be transmitted only through the MGMT port.

The TFTP client can access files on the TFTP server only after this command and **tftp-server topdir** are configured.

The TFTP server can connect to a maximum of 10 clients concurrently.

### Examples

The following example enables the TFTP server.

```
Hostname> enable
Hostname# configure terminal
Hostname(config)# tftp-server enable
```

### Common Errors

N/A

### Platform Description

N/A

### Related Commands

- [ftp-server topdir](#)
- [show ftp-server](#)

## 1.2 tftp-server topdir

### Function

Run the **tftp-server topdir** command to configure the top-level directory under which the TFTP client can read and write files.

Run the **no** form of this command to restore the default configuration.

Run the **default** form of this command to restore the default configuration.

By default, the TFTP client can read and write files in the Flash directory.

### Syntax

**tftp-server topdir** *directory*

**no tftp-server topdir**

**default tftp-server topdir**

### Parameter Description

*directory*: Top-level directory under which the TFTP client can perform read/write operations. Here, a slash (/) indicates the root directory.

### Command Modes

Global configuration mode

### Default Level

14

### Usage Guidelines

The top-level directory of the TFTP server limits the range of directories that can be accessed by the TFTP client after login. You must specify the correct top-level directory so that the TFTP client can access files on the TFTP server.

### Examples

The following example enables the TFTP server, and allows the client to access only the **Syslog** sub-directory.

```
Hostname> enable
Hostname# configure terminal
Hostname(config)# tftp-server topdir /syslog
Hostname(config)# tftp-server enable
```

### Notifications

When a non-existing directory is configured, the following notification will be displayed:

```
% topdir /ab don't exist!
```

When an invalid directory is configured, the following notification will be displayed:

```
% Root dir too long, max length is 64.
```

### Common Errors

- A non-existing directory is configured.

- An invalid directory is configured.

### Platform Description

N/A

### Related Commands

- [tftp-server enable](#)
- [show tftp-server](#)

## 1.3 show tftp-server

### Function

Run the **show tftp-server** command to display the configurations of the current TFTP server.

### Syntax

```
show tftp-server
```

### Parameter Description

N/A

### Command Modes

All modes except the user EXEC mode

### Default Level

14

### Usage Guidelines

This command is used to check the TFTP server enabling status and the top-level directory.

### Examples

The following example displays the TFTP server configurations.

```
Hostname> enable
Hostname# show tftp-server
      tftp-server information
=====
enable : Y
topdir  : flash:/
```

**Table 1-1**Output Fields of the show tftp-server Command

Field	Description
enable	Whether the TFTP server is enabled
topdir	Top-level directory configured for the TFTP server

**Notifications**

N/A

**Platform Description**

N/A

**Related Commands**

- [tftp-server enable](#)
- [tftp-server topdir](#)

## 1.4 show tftp-server updating-list

**Function**

Run the **show tftp-server updating-list** command to display the file download progress of the current TFTP client.

**Syntax**

```
show tftp-server updating-list
```

**Parameter Description**

N/A

**Command Modes**

All modes except the user EXEC mode

**Default Level**

14

**Usage Guidelines**

N/A

**Examples**

The following example displays the file download progress on the TFTP client.

```

Hostname> enable
Hostname# show tftp-server updating-list
IP Address           Interface           File Name           TX
Elapsed
-----
171.208.208.2       Mgmt 0             main_map552.bin
6.28392%   00:00:05

```

**Table 1-1** Output Fields of the show tftp-server updating-list Command

Field	Description
IP Address	IP address of the TFTP client

Field	Description
Interface	Name of the MGMT interface used by the TFTP client for download
File Name	File name requested by the TFTP client
TX	Current file download progress of the TFTP client
Elapsed	Time spent for download on the TFTP client

**Notifications**

N/A

**Platform Description**

N/A

**Related Commands**

N/A