

How to Use the Trivial FTP Plugin Module

<https://campus.barracuda.com/doc/41116014/>

Using the Trivial FTP module is inherently insecure.

The TFTP module can be used for all UDP applications which maintain their connection on a different port than their initial starting port - Trivial FTP is the most common example.

The following scenario shows the connection situation for an UDP connection of tftp kind:



The client initiates a connection on port 69 with a Transfer Identifier (TID). The TID refers to the UDP port on the client which is subsequently used for all additional communication freeing port 69 for other clients.

Add the TFTP Plugin Module

To add the TFTP plugin module in a service object:

1. Click the **Config** tab. The **Configuration Overview** page opens in the **Simple Config** view.
2. In the **Operational Configuration** table, click **Ruleset** under the **Firewall** section.
The **Configuration Overview/Forwarding Rules** page opens.
3. In the left pane, expand the **Firewall Objects** menu and select **Services**.
4. Create a service object or edit an existing service object.
5. In the **Edit/Create Service Object** window, double-click a service.
6. In the **Service Entry Parameters** window, enter **tftp** in the **Plugin** field.

Edit/Create Service Object

Name Service Color

Description

| Nr. | Ports / Ref |
|-----|-------------|
| 01 | UDP 69 tftp |
| | |
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| | |
| | |
| | |
| | |
| | |
| | |
| | |

Service

IP Protocol

Comment

TCP & UDP

Port Range

Dyn. Service

Service Label

Client Port Used

From To

ICMP Echo

Max Ping Size Min Delay ms

General

Session Timeout Balanced Timeout

Plugin

Available Plugins

7. Click **OK** to save your changes.
8. Click **Send Changes** and **Activate**.

Figures

1. tftpPlugin.png
2. tftp_plugin.png

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