

## How to Use the Trivial FTP Plugin Module

<https://campus.barracuda.com/doc/46209153/>

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. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Forwarding Rules.**
2. In the left menu, click on **Services.**
3. Click **Lock.**
4. Right-click the table and select **New.** The **Edit/Create Service Object** window opens.
5. Create a service object or edit an existing service object.
6. In the **Edit/Create Service Object** window, double-click a service.
7. 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

**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:

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

## Figures

1. fw\_tftp\_plugin.png
2. tftp\_plugin.png

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