

Creating an FTP SSL Service

<https://campus.barracuda.com/doc/4259908/>

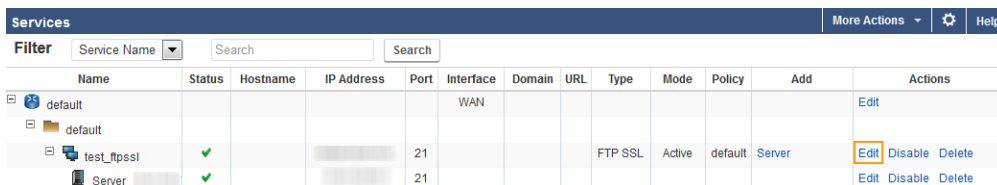
Implicit FTP over TLS is NOT SUPPORTED.

You must configure a certificate before you can configure an FTP SSL service. For more information, see [Configuring SSL for Services and Servers](#).

An FTP SSL service is a controlled entry point for an encrypted FTP Web application on the server. This handles encrypted transactions between clients and the Barracuda Web Application Firewall and authentication with certificates. To create an FTP SSL service, select **FTP SSL** as the type of service. For additional instructions, go to the **BASIC > Services** page and click **Help**.

To configure an FTP SSL service:

1. Go to the **BASIC > Certificates** page, and create a certificate. See [How to Add an SSL Certificate](#).
2. Go to the **BASIC > Services** page, **Add New Service** section and do the following:
 1. **Service Name** - Enter a name for the service.
 2. **Type** - Select **FTP SSL** from the drop down list.
 3. **Virtual IP Address** - Enter the Virtual IP (VIP) address used for accessing the service.
 4. **Port** - Enter the port number your web server responds to.
 5. **Real Servers** - Enter the IP address of the FTP server that hosts the service. This is the back-end server that is protected by the Barracuda Web Application Firewall.
 6. **Service Groups** - Select the group under which the service needs to be added.
 7. **Certificate** - Select a certificate from the drop down list that needs to be presented to the browser when accessing the service.
3. Click **Add**.
4. After adding the FTP SSL service, click **Edit** next to the created service in the **Services** section for additional configuration.



| Name | Status | Hostname | IP Address | Port | Interface | Domain | URL | Type | Mode | Policy | Add | Actions |
|-------------|--------|----------|------------|------|-----------|--------|-----|---------|--------|---------|--------|---------------------|
| default | | | | | WAN | | | | | | | Edit |
| default | | | | | | | | | | | | |
| test_ftpsll | ✓ | | | 21 | | | | FTP SSL | Active | default | Server | Edit Disable Delete |
| Server_... | ✓ | | | 21 | | | | | | | | Edit Disable Delete |

5. In the **Service** window, scroll down to the **FTP** section and configure the **FTP Attack Protection**, **PASV IP Address**, and **PASV Ports**.

| FTP | | Help |
|-----------------------|---|------|
| FTP Attack Prevention | <input checked="" type="radio"/> Yes <input type="radio"/> No | |
| | <i>Enables attack prevention for this FTP application.</i> | |
| PASV IP Address | <input type="text"/> | |
| | <i>Defines the IP address to be used in the response to a PASV request from the FTP client. The FTP application uses the defined IP address to open an FTP port connection. If it is not defined, the FTP application uses the VIP. This is useful only for PASV requests from the FTP clients. The value is ignored for PORT requests. If you are using a NAT firewall in the front-end, it translates the public IP address to the VIP. This parameter would be the public IP Address of the NAT firewall</i> | |
| PASV Ports: | <input type="text"/> <input type="button" value="Add"/> | |
| | <i>Defines a list of port numbers to be used in a response to a PASV request from the FTP client. This is useful when you are using a firewall in the front-end that restricts the ports that can be opened in the Barracuda Web Application Firewall. This parameter would typically be the same set of ports that are configured to be allowed in the firewall. The port can be a single port number or a range of ports specified as the start port and end port separated by a hyphen (-). If it is not defined, the FTP application uses any available port.</i> | |

6. Specify values for other parameters as required, and click **Save**.
7. Go to the **WEBSITES > FTP Security** page and configure the required FTP verbs/commands for the FTP service. *(Optional)*

Figures

1. FTP_SSL_Service.png
2. FTP_Config.png

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