



# Fore Scout

## Core Extensions Module: Cloud Uploader

### Configuration Guide

**Version 1.1**



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## About the Documentation

- Refer to the Technical Documentation page on the Forescout website for additional documentation: <https://www.Forescout.com/company/technical-documentation/>
- Have feedback or questions? Write to us at [documentation@forescout.com](mailto:documentation@forescout.com)

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## About the Cloud Uploader

The Cloud Uploader compresses data from Forescout devices and uses encrypted protocol to send the compressed data to Forescout cloud services where the data is processed and analyzed. The Cloud Uploader manages data upload for the following Forescout components:

- Forescout Research Program
- eyeSegment Module

## How It Works


The Cloud Uploader manages and queues upload requests made by Forescout components.

The Cloud Uploader does not use focal Appliances. Requests must be made by a Forescout device that has access to the public cloud services.

## Prerequisites

The Cloud Uploader requires the following:

- Forescout version 8.1.x or 8.2.x
- Cloud client ID, password, and authentication URL
  - For Forescout 8.2.x users, this information is automatically configured in the Cloud Uploader during the Customer Verification process. For more information, refer to the Forescout Administration Guide v2.0.
  - For eyeSegment users, this information is provided by your Forescout sales representative so that you can manually configure the Cloud Uploader. See [Configure the Cloud Uploader](#).
- Connectivity, directly or via a proxy, from the Forescout devices that make upload requests to the public cloud service URL.

 *Data is uploaded to servers named \*.forescout.com and \*.forescoutcloud.net using HTTPS (port 443/TCP). Ensure that your devices' firewalls are configured to allow this.*

## Install the Plugin

Forescout 8.1.x users must manually install the Cloud Uploader.

**To manually install the component:**

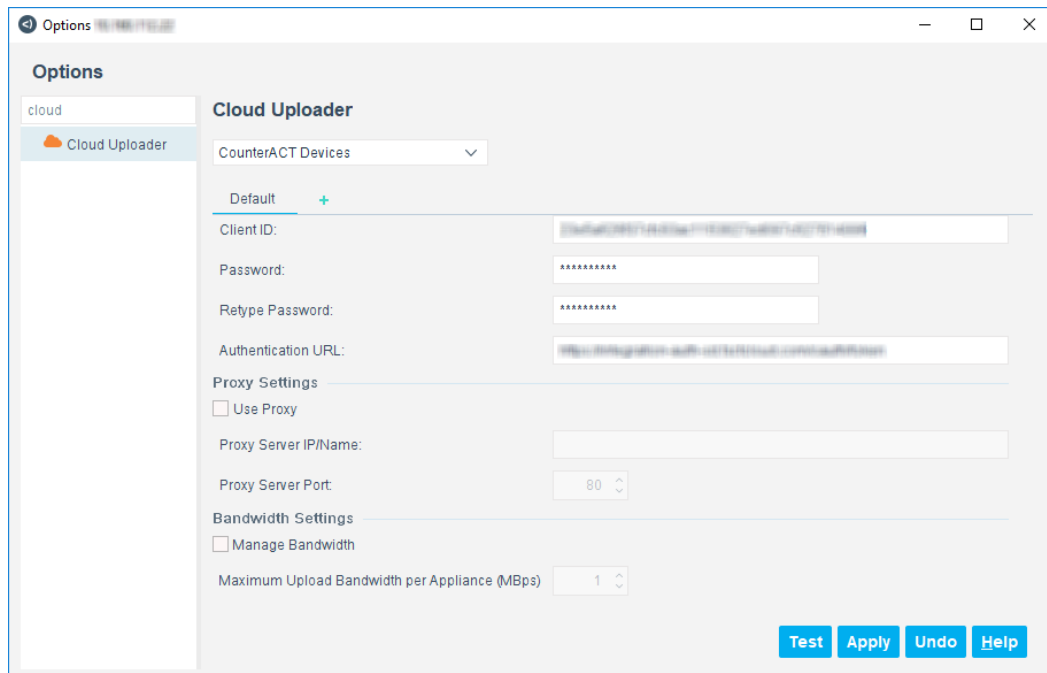
1. Acquire the `.fpi` file from your Forescout sales representative.

2. Save the file to the machine where the Console is installed.
3. Log into the Console and select **Options** from the **Tools** menu.
4. Select **Modules**, and then select **Install**. The Open dialog box opens.
5. Browse to and select the saved module **.fpi** file.
6. Select **Install**. The Installation screen opens.
7. Read the license agreement. If you agree, select **I agree to the License Agreement**, and then select **Install**.
  - The installation will begin immediately after selecting Install, and cannot be interrupted or canceled.*
8. When the installation completes, select **Close** to close the window. The installed module is displayed in the Modules pane.
  - Some components are not automatically started following installation.*

## Configure the Cloud Uploader

To configure the Cloud Uploader:

1. In the Console, select **Tools > Options > Cloud Uploader**.



The screenshot shows the 'Options' window with the 'Cloud Uploader' module selected. The configuration fields are as follows:

- CounterACT Devices:** A dropdown menu showing 'CounterACT Devices'.
- Default:** A plus sign icon.
- Client ID:** A text input field containing a long alphanumeric string.
- Password:** A password input field with masked characters.
- Retype Password:** A password input field with masked characters.
- Authentication URL:** A text input field containing a URL.
- Proxy Settings:**
  - Use Proxy
  - Proxy Server IP/Name: A text input field.
  - Proxy Server Port: A spinner control set to 80.
- Bandwidth Settings:**
  - Manage Bandwidth
  - Maximum Upload Bandwidth per Appliance (MBps): A spinner control set to 1.

At the bottom right, there are four buttons: **Test**, **Apply**, **Undo**, and **Help**.

2. If you are running the eyeSegment Module, enter the Client ID, Password, and Authentication URL provided by your Forescout sales representative.
3. If the Forescout device does not have a direct connection to the Internet, configure the Proxy settings.

4. You can limit how much bandwidth the Cloud Uploader uses.
5. Select **Apply** to save the configuration.

## Test the Configuration

Test the Cloud Uploader configuration to ensure that it can connect to the cloud.




**To test the Cloud Uploader configuration:**

1. In the Console, select **Tools > Options > Cloud Uploader**.
2. Select **Test**.
3. Ensure that the results indicate that authentication was successful.

## Ensure That the Component Is Running

After installing the component (and configuring it, if necessary), ensure that it is running.

**To verify:**

1. Select **Tools > Options > Modules**.
2. Navigate to the component and hover over the name to view a tooltip indicating if it is running on Forescout devices in your deployment. In addition, next to the component name, you will see one of the following icons:
  -  - The component is stopped on all Forescout devices.
  -  - The component is stopped on some Forescout devices.
  -  - The component is running on all Forescout devices.
3. If the component is not running, select **Start**, and then select the relevant Forescout devices.
4. Select **OK**.

## Core Extensions Module Information

Starting from Forescout version 8.2, the Cloud Uploader is installed with the Forescout Core Extensions Module.

The Forescout Core Extensions Module provides an extensive range of capabilities that enhance the core Forescout solution. These capabilities enhance detection, classification, reporting, troubleshooting, and more. The following components are installed with the Core Extensions Module:

Advanced Tools Plugin

Device Data Publisher

IoT Posture Assessment

CEF Plugin

DNS Client Plugin

Engine

Cloud Uploader	DNS Enforce Plugin	NBT Scanner Plugin
DHCP Classifier Plugin	DNS Query Extension Plugin	Packet Engine
Dashboards Plugin	External Classifier Plugin	Reports Plugin
Data Publisher	Flow Analyzer Plugin	Syslog Plugin
Data Receiver	Flow Collector	Technical Support Plugin
Device Classification Engine	IOC Scanner Plugin	Web Client Plugin

The Core Extensions Module is a Forescout Base Module. Base Modules are delivered with each Forescout release. Upgrading the Forescout version or performing a clean installation installs this module automatically.

## Additional Forescout Documentation

For information about other Forescout features and modules, refer to the following resources:

- [Documentation Downloads](#)
- [Documentation Portal](#)
- [Forescout Help Tools](#)

### Documentation Downloads

Documentation downloads can be accessed from the [Forescout Technical Documentation Page](#), and one of two Forescout portals, depending on which licensing mode your deployment is using.

- **Per-Appliance Licensing Mode** – [Product Updates Portal](#)
- **Flexx Licensing Mode** – [Customer Support Portal](#)

 *Software downloads are also available from these portals.*

#### To identify your licensing mode:

- From the Console, select **Help > About Forescout**.

### Forescout Technical Documentation Page

The Forescout Technical Documentation Page provides access to a searchable, web-based [Documentation Portal](#) as well as PDF links to the full range of technical documentation.

#### To access the Technical Documentation Page:

- Go to <https://www.Forescout.com/company/technical-documentation/>

### Product Updates Portal

The Product Updates Portal provides links to Forescout version releases, Base and Content Modules, and eyeExtend products, as well as related documentation. The portal also provides a variety of additional documentation.

**To access the Product Updates Portal:**

- Go to <https://updates.forescout.com/support/index.php?url=counteract> and select the version you want to discover.

**Customer Support Portal**

The Downloads page on the Forescout Customer Support Portal provides links to purchased Forescout version releases, Base and Content Modules, and eyeExtend products, as well as related documentation. Software and related documentation will only appear on the Downloads page if you have a license entitlement for the software.

**To access documentation on the Customer Support Portal:**

- Go to <https://Forescout.force.com/support/> and select **Downloads**.

**Documentation Portal**

The Forescout Documentation Portal is a searchable, web-based library containing information about Forescout tools, features, functionality, and integrations.

**To access the Documentation Portal:**

- Go to [https://updates.forescout.com/support/files/counteract/docs\\_portal/](https://updates.forescout.com/support/files/counteract/docs_portal/)

**Forescout Help Tools**

Access information directly from the Console.

***Console Help Buttons***

Use context sensitive *Help* buttons to quickly access information about the tasks and topics you are working with.

***Forescout Administration Guide***

- Select **Administration Guide** from the **Help** menu.

***Plugin Help Files***

- After the plugin is installed, select **Tools > Options > Modules**, select the plugin and then select **Help**.

***Documentation Portal***

- Select **Documentation Portal** from the **Help** menu to access the [Documentation Portal](#).