



Fore Scout

Core Extensions Module: Device Data Publisher Configuration Guide

Version 1.0.1



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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

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About the Device Data Publisher

The Device Data Publisher is a component of the Forescout® Core Extensions Module. See [Core Extensions Module Information](#) for details about the module.

The Device Data Publisher gathers endpoint and network information from Appliances in your Forescout deployment and sends it securely to Forescout research servers where the data is processed and analyzed. This information helps Forescout improve the security platform effectiveness.

For more information about which data is uploaded and how the data is uploaded, refer to *Forescout Research Program Terms & Conditions version 2.0*. Your Forescout representative can provide you with this guide.

How It Works

Licensed customers are requested to complete a one-time customer verification process during login. After customer verification is complete, the Device Data Publisher begins gathering endpoint and system information.

The Forescout Cloud Uploader compresses the data and uses encrypted protocol to send it to the Forescout Device Cloud. Forescout researchers use the Device Cloud data to analyze more than 150 attributes per device to bring increased device intelligence and improved auto-classification to its customers. Forescout leverages the increasing amount of data and intelligence gathered from the Device Cloud to generate future insights on the characterization and risk posture of connected devices across industries. Participating customers have made the Forescout Device Cloud one of the world's largest crowdsourced device cloud knowledgebases, containing many millions of real-world IT, IoT, and OT enterprise devices.

For more information about the Cloud Uploader, refer to the *Forescout Cloud Uploader Configuration Guide*.




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. In the *Modules* pane, hover over the component name to view a tooltip indicating if it is running on Forescout devices in your deployment.

The name is preceded by 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**.

Configure the Plugin

The Device Data Publisher needs no configuration.

Test the Plugin

After customer verification is complete, you can test the plugin to ensure that the Forescout platform can connect to the Forescout servers.

To test the Device Data Publisher:

1. In the Console, select **Tools > Options > Device Data Publisher**.
2. Select **Test**.
3. Ensure that the results indicate that the connection to the Forescout servers was successful.

Core Extensions Module Information

The Device Data Publisher 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 Engine
CEF Plugin	DNS Client Plugin	
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 [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**.

Technical Documentation Page

The Forescout Technical Documentation page provides a link to the searchable, web-based [Documentation Portal](#), as well as links to a wide range of Forescout technical documentation in PDF format.

To access the Technical Documentation page:

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

Product Updates Portal

The Product Updates Portal provides product and documentation downloads for Forescout platform releases, Base Modules, Content Modules, and eyeExtend modules. The portal also provides 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 product and documentation downloads for Forescout platform releases, Base Modules, Content Modules, and eyeExtend modules. Software and related documentation 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/

Forescout Help Tools

You can access individual documents, as well as the [Documentation Portal](#), 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 in the Console.

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**.

Content Module, eyeSegment Module, and eyeExtend Module Help Files

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

Documentation Portal

- Select **Documentation Portal** from the **Help** menu.