August 2020

About the eyeExtend Connect Module

The Forescout eyeExtend Connect Module provides network connectivity, visibility, and control through the following components:

- Connect Plugin 1.3
- Data Exchange Plugin 3.9.2
- Web API Plugin 1.5.2

The eyeExtend Connect Module is a Forescout eyeExtend module that consists of more than one component.

The plugins listed above are installed and rolled back with the eyeExtend Connect Module. Refer to the *Forescout eyeExtend Connect Module Overview Guide* for more module information, such as module requirements, upgrade, and rollback instructions.

Refer to the relevant configuration guides for detailed information about how to work with and configure eyeExtend modules. See Additional Forescout Documentation for information on how to access these guides, and other documentation.

Open Integration Module Renamed

The Open Integration Module has been renamed to the eyeExtend Connect Module.

The last release of the Open Integration Module was version 1.4.0.1 on Forescout version 8.2. It contained:

- Data Exchange Plugin 3.8.0.1003
- Web API Plugin 1.5

The first release of the eyeExtend Connect Module is version 1.5 on Forescout version 8.2. It contained:

- Connect Plugin 1.1
- Data Exchange Plugin 3.9
- Web API Plugin 1.5

This release of the eyeExtend Connect Module is version 1.7 on Forescout version 8.1.4 or 8.2.1. It contains:

- Connect Plugin 1.3
- Data Exchange Plugin 3.9.2
- Web API Plugin 1.5.2

Forescout Requirements

Forescout version 8.1.4 or 8.2.1.

Components described in this document may have additional requirements and dependencies.

About This Release

This section describes updates and important information related to the components delivered in this version of the eyeExtend Connect Module. This release also includes enhancements and fixes provided in previous versions. See Previous Module Versions.

Upgrade the Connect Plugin to 1.3.0

If you have the Connect Plugin 1.1.x installed, first upgrade CounterACT from 8.2 to 8.2.1, then upgrade the Connect Plugin to 1.3.0.

If you have the Connect Plugin 1.2.x installed, you can upgrade to 1.3.0 without upgrading CounterACT.

If you have the Connect Plugin 1.0 installed on 8.1.4, you can upgrade to 1.3.0 without upgrading CounterACT.

Connect Plugin 1.3

This section describes important information about the Connect Plugin 1.3.

Requirements

- An eyeExtend Connect Module license. See Forescout eyeExtend Connect Licensing Requirements for details.

Feature Enhancements

This section describes feature enhancements for this release.

Add-On Licensing Support

The Connect Add-On Module is a companion to the Connect Plugin. It provides licensing of an additional 20 apps. Two apps are included with the Connect Plugin license.

If you need to use more than two apps, install the Connect Add-On Module and request a license. Licenses can be for either the Per-Appliance Licensing Mode (PALM) or the Flexx Licensing Mode.

Refer to the *Forescout eyeExtend Connect Add-On Module How-to Guide*.

The Entitlement Status is now displayed in the **Connect** pane. It lists:

- Number of apps entitled: Either 2 or 22, based on licensing. If there is no valid Connect Plugin license, it will be 0.
- Number of apps in use: Number of apps that are Configured and Running.

If you configure and run more than two apps with the Connect Plugin license only, the Entitlement Status will display *Out of compliance*. With the valid Connect Add-On Module license, the Entitlement Status is in compliance as long as the number of apps does not exceed 22.

Refer to the *Forescout eyeExtend Connect Module: Connect Plugin Application Building and Deployment Guide*.

Fixed Issues

This section describes the fixed issues for this version of Forescout eyeExtend Connect Module: Connect Plugin.

Defect #	Description
OF-407	After upgrading to version 8.2.1 of the Forescout platform, policies could not be created from policy templates for apps that were imported before the upgrade. Now, policy templates for installed apps can be imported after an upgrade to this version of Connect.
OF-408	When any predefined fields were set to false in the system configuration file (system.conf), an app was not imported correctly. Predefined fields include certification validation, app_instance_cache, authorization, host discovery, and rate limiter. Now if any predefined fields are set to false, an app is imported correctly.

Known Issues

This section describes the known issues for this version of Forescout eyeExtend Connect Module: Connect Plugin.

Defect #	Description
OF-406	If all fields in the first panel in system.conf are defined as not mandatory, (the "mandatory" parameter is set to false), at least one input has to be entered to move to the next panel.
	The recommended workaround is to define at least one field in the first panel with the "mandatory" parameter set to true. It is also recommended to put the most important fields in the first panel, such as IP address, URL, or username/password, which are typical uses of the "mandatory" parameter.

Data Exchange Plugin 3.9.2

This section describes important information about the Data Exchange Plugin version 3.9.2.

Requirements

- Forescout Authentication Module version 1.2.1 with the User Directory Plugin running.
- An eyeExtend Connect Module license. See Forescout eyeExtend Connect Licensing Requirements for details.
- Permission for the Forescout platform to connect to external servers.

Fixed Issues

There are no fixed issues for this version of Forescout eyeExtend Connect Module: Data Exchange Plugin.

Known Issues

There are no known issues for this version of Forescout eyeExtend Connect Module: Data Exchange Plugin.

Web API Plugin 1.5.2

This section describes important information about the Web API Plugin version 1.5.2.

Requirements

- An eyeExtend Connect Module license. See Forescout eyeExtend Connect Licensing Requirements for details.
- By default, the web service receives inbound requests to Enterprise Manager or a standalone Appliance using HTTPS on port 443/TCP.

Fixed Issues

There are no fixed issues for this version of Forescout eyeExtend Connect Module: Web API Plugin.

Known Issues

This section describes the known issues for this version of Forescout eyeExtend Connect Module: Web API Plugin.

Defect #	Description
WEB-179	When using https://{EM.IP}/api/hosts to get endpoint properties, the segment_name value is not returned in the response.
	The workaround is to start the Advanced Tools Plugin and resolve the Segment Path (segment_path). Use the same request (https://{EM.IP}/api/hosts) to get the segment_path value through the Web API Plugin.
	The segment_name can be retrieved from the segment_path by splitting the segment_path at the forward slash (/). For example, if the segment_path is "fsct/segment-1", the segment_name is "segment-1".

Forescout eyeExtend Connect Licensing Requirements

Forescout eyeExtend Connect requires a valid license. An Open Integration Module (OIM) is a valid license for Connect. The base Connect or OIM license entitles up to two Connect Apps as well as the full capability of the Data Exchange and Web API Plugins.

Existing installed OIM licenses will be automatically renamed eyeExtend Connect as part of the Connect upgrade.

> 🖹 *If you have OIM license installed you do not need to request a new license to run eyeExtend Connect.*

This Forescout eyeExtend module requires a valid license. Licensing requirements differ based on which licensing mode your deployment is operating in:

- Per-Appliance Licensing Mode
- Flexx Licensing Mode

To identify your licensing mode:

- From the Console, select **Help > About Forescout**.
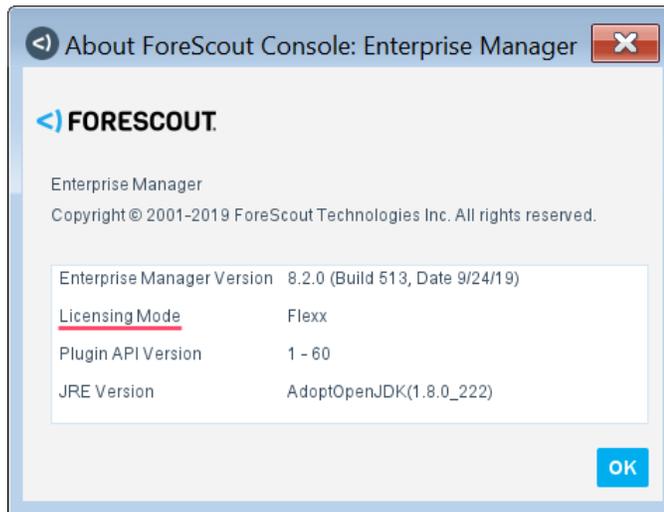
Per-Appliance Licensing Mode

When installing the module, you are provided with a 90-day demo license.

If you would like to continue exploring the module before purchasing a permanent license, you can request a demo license extension. Consult with your Forescout representative before requesting the extension. You will receive email notification and alerts at the Console before the demo period expires.

To continue working with the module after the demo period expires, you must purchase a permanent module license.

Demo license extension requests and permanent license requests are made from the Console.

> 📄 *This module may have been previously packaged as a component of an Integration Module which contained additional modules. If you already installed this module as a component of an Integration Module, you can continue to use it as such. Refer to the section about module packaging in the Forescout Administration Guide for more information.*

Requesting a License

When requesting a demo license extension or permanent license, you are asked to provide the device *capacity* requirements. This is the number of devices that you want this license to handle. You must define at least the number of devices currently detected by the Forescout platform. You can request a license that handles more to ensure that you are licensed for support on additional devices as your deployment grows.

Enter this number in the **Devices** pane of the Module License Request wizard, in the Console Modules pane.

To view the number of currently detected devices:

1. Select the **Home** tab.

2. In the Views pane, select the **All Hosts** folder. The number in parentheses displayed next to the **All Hosts** folder is the number of devices currently detected.

Flexx Licensing Mode

When you set up your Forescout deployment, you must activate a license file containing valid licenses for each feature you want to work with in your deployment, including eyeExtend modules. After the initial license file has been activated, you can update the file to add additional eyeExtend licenses or change endpoint capacity for existing eyeExtend modules. For more information on obtaining eyeExtend licenses, contact your Forescout sales representative.

> 📄 *No demo license is automatically installed during system installation.*

License entitlements are managed in the Forescout Customer Portal. After an entitlement has been allocated to a deployment, you can activate or update the relevant licenses for the deployment in the Console.

Each eyeExtend license has an associated capacity, indicating the number of endpoints the license can handle. The capacity of each eyeExtend license varies by module but does not exceed the capacity of the Forescout eyeSight license.

📄 *Integration Modules, which package together groups of related licensed modules, are not supported when operating in Flexx Licensing Mode. Only eyeExtend modules, packaging individual licensed modules are supported.* The eyeExtend Connect Module is an *eyeExtend* module even though it packages more than one module*.*

More License Information

For more information on eyeExtend (Extended Module) licenses:

- **Per-Appliance Licensing**. Refer to the *Forescout Administration Guide*.
- **Flexx Licensing**. Refer to the *Flexx Licensing How-to Guide*.

You can also contact your Forescout sales representative for more information.

Install the Module

New module releases may become available between Forescout releases. This section describes how to install the module when a new release becomes available.

To install the module:

1. Navigate to one of the following Forescout download portals, depending on the licensing mode your deployment is using:
   - [Product Updates Portal](#) - **Per-Appliance Licensing Mode**
   - [Customer Portal, Downloads Page](#) - **Flexx Licensing Mode**

   To identify your licensing mode, select **Help > About ForeScout** from the Console.
2. Download the module .**fpi** file.
3. Save the file to the machine where the Console is installed.
4. Log into the Console and select **Options** from the **Tools** menu.
5. Select **Modules**. The Modules pane opens.
6. Select **Install**. The Open dialog box opens.
7. Browse to and select the saved module .**fpi** file.
8. Select **Install**. The Installation screen opens.
9. Select **I agree to the License Agreement** to confirm that you have read and agree to the terms of the License Agreement and select **Install**. The installation cannot proceed unless you agree to the license agreement.

   📄 *The installation begins immediately after selecting Install and cannot be interrupted or canceled.*

   📄 *In modules that contain more than one component, the installation proceeds automatically one component at a time.*

10. 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.*

Customer Support

The Connect Plugin is supported by Forescout Customer Support.

Connect Apps, including those provided by Forescout, are not supported by Forescout.

Previous Module Versions

Installing this module version also installs fixes and enhancements provided in the previous module versions listed in this section. To view Release Notes for previous module versions, see:

https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-6-0/

https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-5-2/

https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-5-1/

https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-5-0/

https://www.forescout.com/company/resources/eyeextend-connect-module-release-notes-1-3-3/

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 from 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 Forescout 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.

Contact Information

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Tel (Intl): 1.408.213.3191

Support: 1.708.237.6591

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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