May 2020

Version Information

Forescout eyeExtend for CrowdStrike® version 1.5.

This section describes requirements for this version.

Forescout Requirements

- Forescout version 8.1 and above.
- A module license for Forescout eyeExtend for CrowdStrike. See Forescout eyeExtend (Extended Module) Licensing Requirements for details.
- Core Extensions Module version 1.1.4 or 1.2 with the IOC Scanner Plugin running.

CrowdStrike Requirements

The module requires the following CrowdStrike Falcon components:

- A valid UUID, API Key, password and connectivity to CrowdStrike Streaming API Version 4.9 or later
- A valid username, password and connectivity to CrowdStrike Query API Version 3.3 or later
- For information about the vendor models (hardware/software) and versions (product/OS) that are validated for integration with this Forescout component, refer to the Forescout Compatibility Matrix.

The Query API requires a special set of username and password credentials that can only be created by support@crowdstrike.com. This is not to be confused with the credentials that you use for the Falcon CrowdStrike user interface.

Network Requirements

When your environment routes Internet communications through a proxy server, you will need to configure the connection parameters for the proxy server that handles communication between this CrowdStrike Cloud Platform and its connecting CounterACT® device.

To have a good performance, each connecting CounterACT device should handle no more than 40,000 devices on the network. Create multiple connecting appliance clusters if you have more devices on the network.

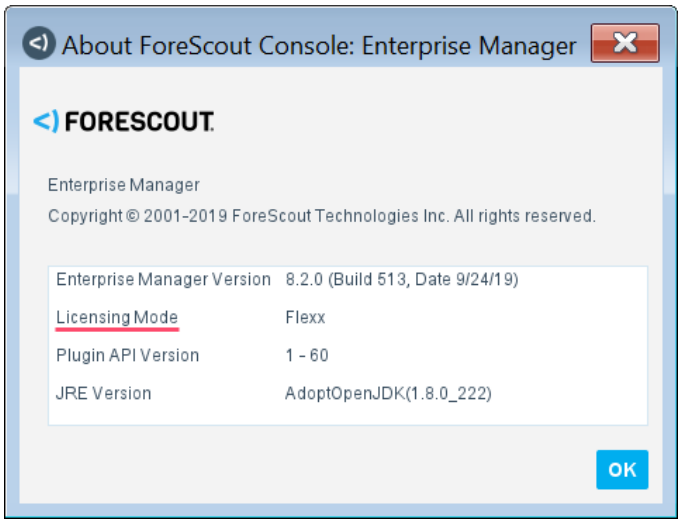
Forescout eyeExtend (Extended Module) Licensing Requirements

This Forescout eyeExtend product 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.

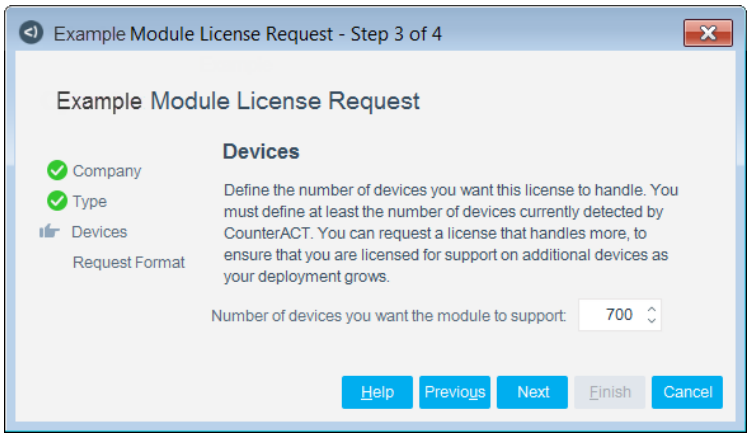
Demo license extension requests and permanent license requests are made from the Console.

> *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

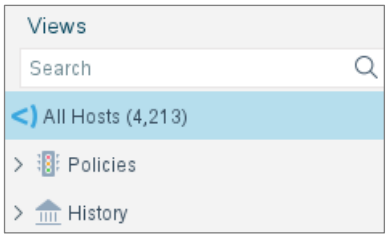
When requesting a demo license extension or permanent license, you are asked to provide the device *capacity* requirements. This is the number of devices that you want this license to handle. You must define at least the number of devices currently detected by the Forescout platform. You can request 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 products. 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 products. 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 products, packaging individual licensed modules are supported. T*he Open Integration Module is an *eyeExtend* product 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.

About This Release

This section describes updates and important information related to the component delivered in this version. This release also includes enhancements and fixes provided in previous versions. See Previous Releases.

Upgrade Dependency

You must upgrade to the latest IOC Scanner version prior to upgrading to this version of eyeExtend for CrowdStrike. There are a few known bugs in the IOC Scanner Plugin that might cause eyeExtend for CrowdStrike to restart.

The following are the minimum required IOC Scanner versions on different Forescout platform releases:

- On 8.1.3, the minimum required IOC Scanner version is 2.3.0.1
- On 8.1.4, the minimum required IOC Scanner version is 2.3.1
- On 8.2.0, the minimum required IOC Scanner version is 2.4.0.1

Merged Hotfixes

The following, previously released hotfixes are merged into this version of Forescout eyeExtend for CrowdStrike:

Hotfix	Fix Content
CRS-244	The Forescout Console did not display CrowdStrike Agent properties for endpoints that: ▪ Did not have hostnames ▪ Had multiple network interfaces attached in CrowdStrike Forescout eyeExtend for CrowdStrike only supported querying an endpoint if it had a unique MAC address, IP address, and hostname. This resulted in empty responses when querying an endpoint that did not have a hostname or that had multiple MAC addresses. CrowdStrike Falcon API did not respond to endpoint queries if the MAC address was not the primary MAC address of the endpoint. The CrowdStrike ID query was changed as follows: ▪ On eyeExtend for CrowdStrike version 1.4, the device was queried by "mac_address and local_ip and hostname" ▪ On eyeExtend for CrowdStrike version 1.5, the device is first queried by "nbt hostname or dhcp hostname", and if there is no hostname, then it is queried by "mac_address"
CRS-270	Forescout eyeExtend for CrowdStrike did not use the proxy setting consistently. Even though a proxy was configured, OAuth2 requests failed. All Web Requests are now sent per the proxy setting if it is enabled.
CRS-271	Fixed a rate limit issue that can cause some properties to be shown as "Irresolvable" due to 429 error.

Fixed Issues

This section describes the fixed issues for this version of Forescout eyeExtend for CrowdStrike.

Defect #	Description
CRS-275	Improved scalability through performance tuning.

Known Issues

This section describes the known issues for this version of Forescout eyeExtend for CrowdStrike.

Known Limitation

Detection event volume/velocity varies widely depending on the size of the customer environment. It's typically pretty low volume though, as a ballpark, even a 100K endpoint environment isn't likely to have more than 200 detections per 24 hours. Large deviations from this norm are likely indicators of a misconfiguration or an attack (such as a DDOS).

In these rare instances, CrowdStrike implements throttling to prevent threats or attacks that would DDOS the CrowdStrike cloud or downstream enterprise security software such as a SIEM. A good indication CrowdStrike has started to throttle event detection would be if the Forescout platform receives an event hours or days after a detection. The following are examples of when CrowdStrike would throttle detection events (example but not limited to):

- If CrowdStrike identifies the same pattern/detection on the same host and process, it will only trigger a detection once (not over and over)
- The same pattern/detection and host (without the same process) will only trigger, at most, once every 5 minutes.
- Maximum of 1,000 detections per day on a single endpoint (clear indication that the host should be investigated)

How to Install

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.*

More Release Information

This section provides additional release information.

Rollback Support

Rollback is not available for this module. This means that if you upgrade to this module version and the module does not operate as expected, you cannot roll it back to a previous release.

Previous Releases

Installing this release also installs fixes and enhancements provided in the releases listed in this section. To view Release Notes of previous version releases, see:

https://www.forescout.com/company/resources/eyeextend-for-crowdstrike-release-notes-1-4-0/

https://www.forescout.com/company/resources/eyeextend-for-crowdstrike-1-3-release-notes/

https://www.forescout.com/company/resources/eyeextend-for-crowdstrike-1-2-release-notes/

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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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