

Version Information

Forescout eyeExtend for Check Point® Next Generation Firewall (NGFW) version 1.3. This section describes requirements for this version.

Forescout Requirements

- Forescout version 8.2.
- A module license for Forescout eyeExtend for Check Point NGFW. See [Forescout eyeExtend \(Extended Module\) Licensing Requirements](#) for details.

Supported Vendor Requirements

- Forescout eyeExtend for Check Point NGFW supports Check Point Gateway in versions R77.20, R77.30 and R80.10.
- 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](#).

Deployment Modes

The module requires Check Point Firewall to be deployed in one of the following modes:

Check Point Gateway in version R80.10

Installing the hotfix is not required. Refer to Install the Module in the *Forescout eyeExtend for Check Point Next Generation Firewall Configuration Guide*.

Check Point Gateway in version R77.20 or R77.30

- Identity Awareness (IDA) API requires you to [Install the Hotfix](#).
 - R77.20: fw1_wrapper_HOTFIX_GOLLUM_HF_BASE_295.tgz
 - R77.30: fw1_wrapper_HOTFIX_GIRAFFE_V2.tgz
- [Enable IDA on Check Point Gateway](#)

Check Point Gateway in Cluster Mode

- Physical gateway
 - Check Point appliance
 - Open server
- Virtual appliance

Requirements Independent to the Management Platform

- Standalone management server (SmartCenter)
- Multi-Domain (Provider-1 with CMAs)

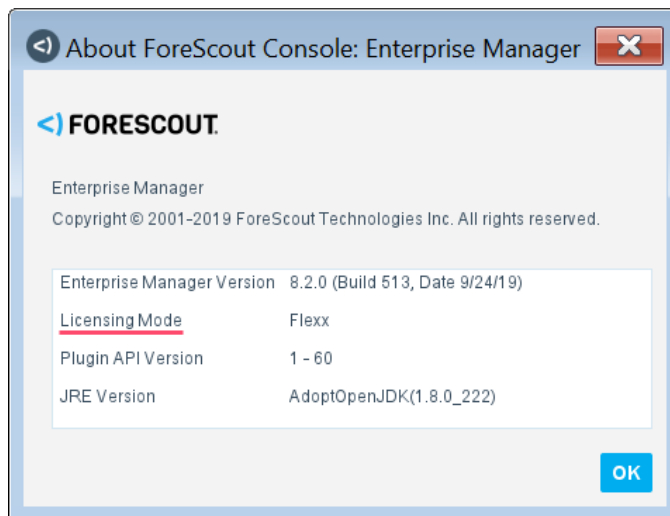
Forescout eyeExtend (Extended Module) Licensing Requirements

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

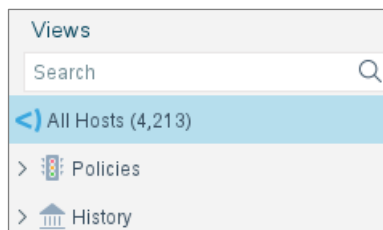
When requesting a demo license extension or permanent license, you are asked to provide the device *capacity* requirements. This is the number of devices that you want this license to handle. You must define at least the number of devices currently detected by the Forescout platform. You can request 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. The 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](#).

Fixed Issues

This section describes the fixed issues for this version of Forescout eyeExtend for Check Point NGFW.

Defect #	Description
NGF-103	Forescout eyeExtend for Check Point Next Generation Firewall now supports Certification Compliance mode. For information about this mode, refer to the <i>Forescout Installation Guide</i> .

Known Issues

There are no known issues for this version of Forescout eyeExtend for Check Point NGFW.

Install the Hotfix

Installing the hotfix is not required if you are using Check Point Gateway version R80.10. See *Install the Module in the Forescout eyeExtend for Check Point Next Generation Firewall Configuration Guide*.

To install the hotfix:

1. Obtain the hotfix installation file from Check Point:

```
R77.20: fw1_wrapper_HOTFIX_GOLLUM_HF_BASE_295.tgz
```

```
R77.30: fw1_wrapper_HOTFIX_GIRAFFE_V2.tgz
```

2. Upload the file to Check Point firewall directory: `/tmp/`

3. In Check Point expert mode, run the command:

```
R77.20: tar xvzf fw1_wrapper_HOTFIX_GOLLUM_HF_BASE_295.tgz
```

```
R77.30: tar xvzf fw1_wrapper_HOTFIX_GIRAFFE_V2.tgz
```

4. Install the hotfix using the command:

```
R77.20: ./fw1_wrapper_HOTFIX_GOLLUM_HF_BASE_295_<build_number>
```

```
R77.30: ./fw1_wrapper_HOTFIX_GIRAFFE_V2_<build_number>
```

5. Reboot Check Point gateway.

Enable IDA on Check Point Gateway

If your Check Point Gateway version is R80.10, see *Install the Module in the Forescout eyeExtend for Check Point Next Generation Firewall Configuration Guide*.

By default, the IDA API is disabled; however, it can be configured using a hidden command line menu as follows:

1. Open an SSH connection to the gateway.
2. To change to expert mode, enter the command:

```
expert
```

3. Enter the expert password.

4. To enable IDA API, run the command:

```
pdp api enable
```

Additional commands include:

- to disable usage of the IDA API, use `pdp api disable`

to show the current status of the IDA API, use `pdp api status`


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-check-point-next-generation-firewall-1-2-release-notes/>

<https://www.forescout.com/company/resources/extended-module-for-check-point-next-generation-firewall-release-notes-1-1-0/>

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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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