

May 2020

Version Information

Forescout Device Profile Library Content Module version 20.1.5 is compatible with Forescout 8.1.x and 8.2.x.

For more information see [Module Requirements](#).

What's New

This version contains important Device Profile Library enhancements and fixed issues as compared to Device Profile Library version 20.1.4.

These include:

- [Fixed Issues](#)
- [New Device Profiles](#)
- [New Vendor Profiles](#)
- [Modified Device Profiles](#)

In addition, you can use the Classification Update feature to review, analyze, and control policy evaluation changes when upgrading the Device Profile Library Content Module. See [Upgrade Considerations and Issues](#).

Installing this release also installs enhancements and fixes provided in previous releases. See [How to Install](#) for installation details.

Fixed Issues

Issue	Description
DPL-1044	Restored <i>Full Classification Path</i> field under <i>Asset Inventory>Classification>Function</i> for all profiles

New Device Profiles

Profiles were added for classifying the following devices.

Device	Function	OS	Vendor and Model
APC Uninterruptible Power Supply Device	Operational Technology/ Facilities/Building Automation/ Uninterruptible Power Supply	APC AOS	American Power Conversion/APC Uninterruptible Power Supply
Cisco IP Phone 8821	Information Technology/ Accessory/VoIP/IP Phone		Cisco/Cisco IP Phone/ Cisco IP Phone 8821

Device	Function	OS	Vendor and Model
Cisco Meraki MR36 Wireless AP	Information Technology/ Networking/Wireless Access Point	Embedded Firmware	Cisco/Cisco Meraki/ Cisco Meraki MR36
Cisco Meraki MR46 Wireless AP	Information Technology/ Networking/Wireless Access Point	Embedded Firmware	Cisco/Cisco Meraki/ Cisco Meraki MR46
Cisco Meraki MR56 Wireless AP	Information Technology/ Networking/Wireless Access Point	Embedded Firmware	Cisco/Cisco Meraki/ Cisco Meraki MR56
DMP Electronics Thin Client	Information Technology/ Computer/Thin Client		DMP Electronics
HP-UX Unix Server	Information Technology/ Computer/Server	HP-UX	
IBM AIX Unix Server	Information Technology/ Computer/Server	IBM AIX	
Meikyo Electric Device	Information Technology/ Accessory/Rebooter		Meikyo Electric
Slingbox Streaming Device	Information Technology/ Multimedia & Entertainment/ Streamer		Slingbox
Telemecanique ICS device	Operational Technology/ Industrial Control Systems	Linux	Schneider Electric/ Telemecanique
Ubiquiti AC PRO AP	Information Technology/ Networking/Wireless Access Point		Ubiquiti Networks/ Ubiquiti Access Point/ Ubiquiti AC PRO AP
Ubiquiti Mesh AP	Information Technology/ Networking/Wireless Access Point		Ubiquiti Networks/ Ubiquiti Access Point/ Ubiquiti Mesh AP
Ubiquiti Mesh PRO AP	Information Technology/ Networking/Wireless Access Point		Ubiquiti Networks/ Ubiquiti Access Point/ Ubiquiti Mesh PRO AP
Vaio Corporation Computer	Information Technology/ Computer		VAIO Corporation
Videotec spa Surveillance device	Operational Technology/ Facilities/Physical Security/ Surveillance		Videotec spa
Windows 10 VM Machine	Information Technology/ Computer	Windows 10	VMware/VMware Virtual Machine
Windows Server 2012 VM machine	Information Technology/ Computer/Server	Windows server 2012	VMware/VMware Virtual Machine

New Vendor Profiles

The following vendor profiles are introduced for better vendor classification of devices.

Vendor	Function
AOPEN	Information Technology
Chongqing Fugui	
Cloud Network Technology	Information Technology
DLink	Information Technology
Elecom	Information Technology
EverFocus	Operational Technology
Freescale Semiconductor	
GK Computer	
I/O INTERCONNECT	Information Technology
Inventec Corporation	Information Technology
Logitech Corporation	Information Technology
LUXSHARE ICT	Operational Technology
Mega Well	
Mellanox	Information Technology
NVIDIA Corporation	
ORICO Technologies	Information Technology
Planex Communications	Information Technology
Realtek	
Rivet Networks	Information Technology
Sychip	Information Technology
TAIYO YUDEN	Information Technology
Tektronix	Operational Technology

Modified Device Profiles

The following Profiles have been modified to improve accuracy of Forescout eyesight Classification.

Device	Description of Change for Profile
Android ASUS Device	Modified profile to correctly classify ASUS android mobile devices
APC UPS Device	Added OS fingerprint to classify APC UPS devices
Cisco Device	Modified profile to avoid conflicts with IBM devices
Cisco IP Conference Station 7937 Device	Modified profile to classify Cisco IP Conference Station 7937 as VoIP phones

Device	Description of Change for Profile
Cisco Meraki Device	Added <i>Embedded Firmware</i> as OS to Meraki devices
Cisco Meraki MR AP Device	Modified Cisco Meraki Profiles to correctly classify each model of MR AP devices
Cisco Meraki MS Device	Modified Cisco Meraki MS profiles to set OS
Cisco Meraki MX Device	Modified Cisco Meraki MX profiles to set OS
Cisco Meraki Z Series Device	Modified Cisco Meraki Z profiles to set function
DOJO Android Smart Phone	Changed priority to avoid conflicts with LG mobile devices
DOJO Sharp Smart TV	Modified profile to avoid conflicts with computers
DOJO TCL smart TV	Modified profile to avoid misclassification of devices as TCL smart TVs
Liteon Vendor	Modified the Liteon Vendor profile to include subsidiaries of the Liteon corporation
Rauland-Borg Device	Changed Function from OT to Communication System
Siemens MRI Device	Changed Function from MRI to MRI Scanner
Sony Device	Modified profile to classify Sony home entertainment devices
Ubiquiti InWall AP Device	Modified profile to classify Ubiquiti InWall AP devices
Ubiquiti NanoHD Access Point	Modified Vendor property to classify Ubiquiti NanoHD AP devices
Ubiquiti NanoStation AC Loco Device	Modified Vendor property to classify Ubiquiti NanoStation Loco devices
Ubiquiti UniFi AP Device	Modified Vendor property to classify Ubiquiti UniFi AP devices
VMWare Device	Changed priority to avoid conflicts with Mobile devices
Windows Operating System Profiles for VMWare Device	Modified various versions of VMWare Windows OS profiles to classify VMware as vendor
WYSE Thin Client Device	Modified profile to correctly classify WYSE Thin Client devices

Upgrade Considerations and Issues

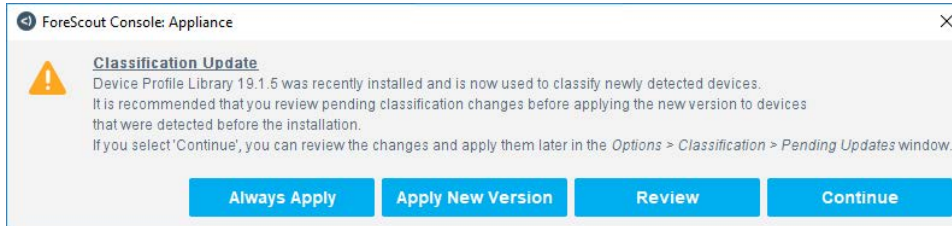
Each profile in the Device Profile Library is a combination of properties that match a specific device type. When this version is installed, device classifications are re-evaluated using the updated Device Profile Library.

Device classification changes might influence control policies in your Forescout environment. Use the Classification Update feature to review, analyze, and control policy evaluation changes triggered by classification profile updates.

Previously Classified Devices

Previously classified devices might be classified differently following a Device Profile Library upgrade. Potential classification updates are detected when Forescout eyeSight resolves the classification properties (using either an existing policy or one specially created to force a quick recheck), but the updates are only implemented if

the operator applies them. A *Classification Update* message displays 8 hours after a new Device Profile Library version is installed.




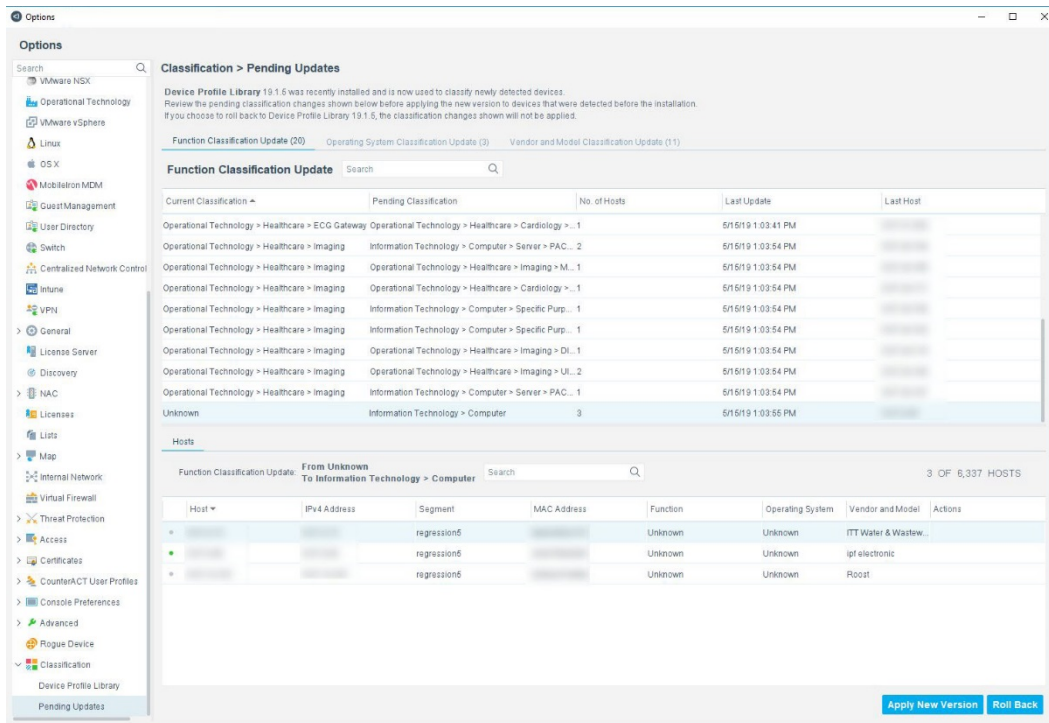
It is recommended to review the pending classification updates in order to determine if your policies are impacted by classification changes.

To review pending classification updates:

1. Select **Review**
2. Either
 - Review the pending classification updates
 - Or, select **Continue** to close the Classification Update message and review the pending updates another time.

To view the pending classification updates at any time, navigate to **Tools > Options > Device Profile Library**.

 *The Classification Update message will appear after subsequent Device Profile Library upgrades only if you clear the **Always apply classification updates** checkbox in **Tools > Options > Device Profile Library**. If you have policies that are impacted by classification changes, it is recommended to clear this checkbox.*



Each tab in the **Classification Update** pane displays the current and pending classifications for one of the following:

- Function
- Operating System
- Vendor and Model

Select a pending classification change to view details of the affected devices.

After reviewing the pending updates, decide if you want to:

- Immediately apply all the updates
- Modify existing policies and then apply all the updates
- Cancel the updates and roll back to a previous Device Profile Library version

Newly Connected Devices

The classification properties of all newly connected devices are resolved using the last installed version of the library even before the update is applied.

Classification Update Properties

You can use a policy to resolve properties that indicate pending classification updates and to handle classification update issues. The following endpoint properties are in the *Classification (Advanced)* condition node:

- Function Classification Update
- Operating System Classification Update
- Vendor and Model Classification Update


Module Requirements

The module requires the following:

- Forescout version 8.1 or 8.2

For optimal endpoint classification, it is recommended to install the **highest available versions** of the following Forescout components and ensure they are running:

- Core Extensions Module, including the following plugins:
 - DHCP Classifier Plugin
 - Device Classification Engine
- Windows Applications Content Module
- Endpoint Module, including the following plugins:
 - HPS Inspection Engine
 - Linux Plugin, if there are Linux endpoints in your environment
 - OS X Plugin, if there are macOS/OS X endpoints in your environment
- NIC Vendor DB Content Module
- Network Module including the Switch Plugin
- Hybrid Cloud Module, including either:
 - Amazon Web Services (AWS) Plugin
 - Microsoft Azure Plugin
- Operational Technology Module

 *If you have the Medigate Platform deployed in your environment, it is recommended to ensure that the Forescout Medigate Module is installed and running.*

How to Install




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.*

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/

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](#).

Contact Information

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About the Documentation

- Refer to the Resources page on the ForeScout website for additional technical documentation: <https://www.forescout.com/company/resources/>
- Have feedback or questions? Write to us at documentation@forescout.com

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