



ForeScout CounterACT[®]

IoT Posture Assessment Library

Configuration Guide

Updated February 2018

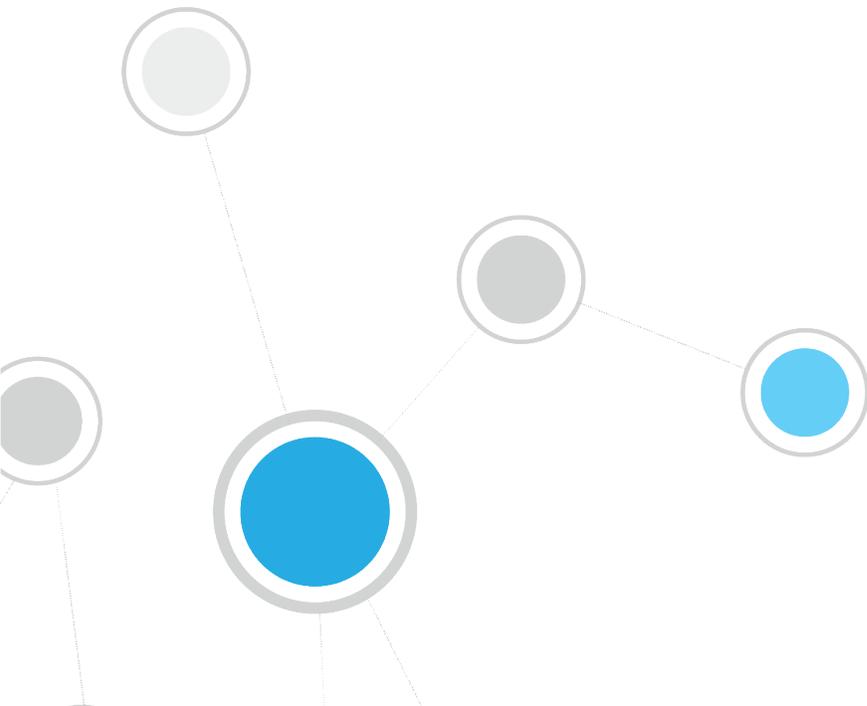


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About the IoT Posture Assessment Library

The CounterACT IoT Posture Assessment Library is a Content Module that delivers a library of pre-defined login credentials that are used by the IoT Posture Assessment Engine to aid in determining the security risk of devices. These include:

- Factory default credentials for various devices, such as select IP cameras, routers, switches, and printers
- Commonly used credentials

Each login credential includes the following fields:

- *Username* and *Password* for devices communicating over Telnet and SSH
- *Community String* for devices communicating over SNMP

The CounterACT IoT Posture Assessment Engine uses these credentials to resolve the Credential Vulnerability property for factory default credentials and for commonly used credentials.

The library content is updated periodically:

- to increase the breadth of the devices for which factory default credentials are known
- to update the list of commonly used credentials

It is recommended to install the latest version of the content module containing the IoT Posture Assessment Library so that the most current credential vulnerabilities are assessed.

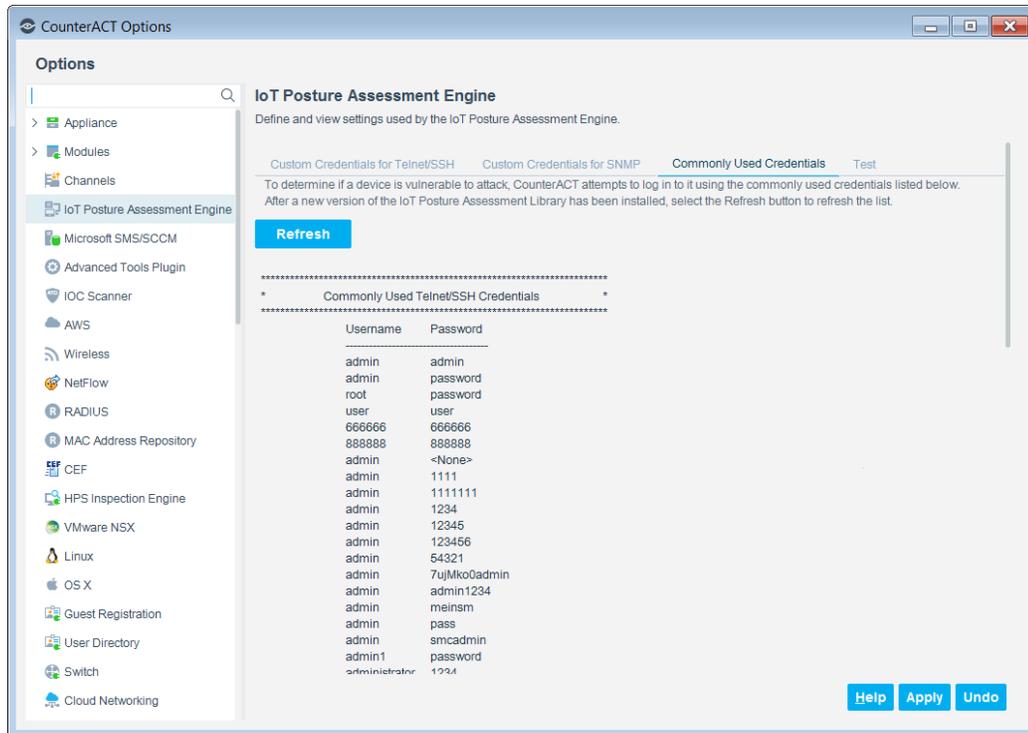
How It Works

The IoT Posture Assessment Engine provides a *Credential Vulnerability* property that attempts to log in to each connected device. The property uses the factory default credentials and the commonly used credentials provided by the IoT Posture Assessment Library. Refer to the *CounterACT IoT Posture Assessment Engine Configuration Guide*. See [Additional CounterACT Documentation](#) for information about how to access the guide.

Display the Commonly Used Credentials

To view the commonly used credentials contained in the library:

1. Select **Options** from the CounterACT Console **Tools** menu, and select **IoT Posture Assessment Engine**.
2. Select the **Commonly Used Credentials** tab. A list of common credentials is displayed for:
 - Telnet/SSH Credentials: Username and Password
 - SNMP Credentials: Community String



- To refresh the display after a new version of the IoT Posture Assessment Library was installed, select the **Refresh** button. The updated list is displayed.

CounterACT Software Requirements

This component requires the following CounterACT releases and other CounterACT components:

- CounterACT version 8.0.
- An active Maintenance Contract for CounterACT devices.
- Core Extensions Module version 1.0, including the IoT Posture Assessment Engine.

Install the Module

The content module containing the IoT Posture Assessment Library is included in the CounterACT version 8.0 installation. It is recommended to install the latest available version of the module so that the most current credential vulnerabilities are assessed.

To install the module:

1. Navigate to one of the following ForeScout portals, depending on the licensing mode your deployment is using:

- [Product Updates Portal](#) - **Per-Appliance Licensing Mode**
- [Customer Portal, Downloads Page](#) - **Centralized Licensing Mode**

To find out which licensing mode your deployment is working with, see [Identifying Your Licensing Mode in the Console](#).

2. Download the module `.fpi` file.
3. Save the file to the machine where the CounterACT Console is installed.
4. Log into the CounterACT 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 wizard opens.
9. Select **I agree to the License Agreement**, and select **Install**. The installation will not proceed if you do not agree to the license agreement.

 *Make sure you have selected the correct module to install. The installation will begin immediately after selecting Install, and cannot be interrupted or canceled.*

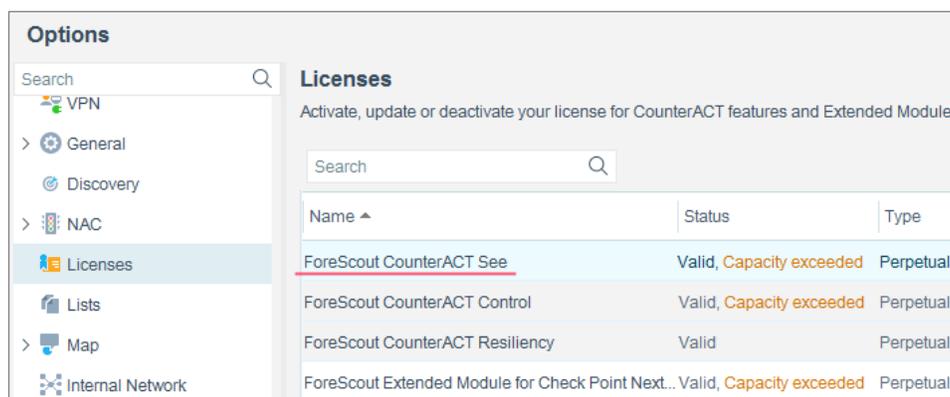
 *In modules that contain more than one component, the installation proceeds automatically one component at a time.*

10. When the installation completes, select **Close** to close the wizard. The installed module is displayed in the Modules pane.

Identifying Your Licensing Mode in the Console

If your Enterprise Manager has a *ForeScout CounterACT See* license listed in the Console, your deployment is operating in Centralized Licensing Mode. If not, your deployment is operating in Per-Appliance Licensing Mode.

Select **Options > Licenses** to see whether you have a *ForeScout CounterACT See* license listed in the table.



Name	Status	Type
ForeScout CounterACT See	Valid, Capacity exceeded	Perpetual
ForeScout CounterACT Control	Valid, Capacity exceeded	Perpetual
ForeScout CounterACT Resiliency	Valid	Perpetual
ForeScout Extended Module for Check Point Next...	Valid, Capacity exceeded	Perpetual

Contact your ForeScout representative if you have any questions about identifying your licensing mode.

Configure the Module

This module does not require any configuration.

Additional CounterACT Documentation

For information about other CounterACT features and modules, refer to the following resources:

- [Documentation Downloads](#)
- [Documentation Portal](#)
- [CounterACT Help Tools](#)

Documentation Downloads

Documentation downloads can be accessed from one of two ForeScout portals, depending on which licensing mode your deployment is using.

- **Per-Appliance Licensing Mode** - [Product Updates Portal](#)
- **Centralized Licensing Mode** - [Customer Portal](#)

 *Software downloads are also available from these portals.*

To learn which licensing mode your deployment is using, see [Identifying Your Licensing Mode in the Console](#).

Product Updates Portal

The Product Updates Portal provides links to CounterACT version releases, Base and Content Modules, and Extended Modules, as well as related documentation. The portal also provides a variety of additional documentation.

To access the Product Updates Portal:

1. Go to <https://updates.forescout.com/support/index.php?url=counteract>.
2. Select the CounterACT version you want to discover.

Customer Portal

The Downloads page on the ForeScout Customer Portal provides links to purchased CounterACT version releases, Base and Content Modules, and Extended Modules, 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. The Documentation page on the portal provides a variety of additional documentation.

To access documentation on the ForeScout Customer Portal:

1. Go to <https://forescout.force.com/support/>.
2. Select **Downloads** or **Documentation**.

Documentation Portal

The ForeScout Documentation Portal is a searchable, web-based library containing information about CounterACT tools, features, functionality and integrations.

 *If your deployment is using Centralized Licensing Mode, you may not have credentials to access this portal.*

To access the Documentation Portal:

1. Go to www.forescout.com/docportal.
2. Use your customer support credentials to log in.
3. Select the CounterACT version you want to discover.

CounterACT Help Tools

Access information directly from the CounterACT Console.

Console Help Buttons

Use context sensitive *Help* buttons to quickly access information about the tasks and topics you are working with.

CounterACT Administration Guide

Select **CounterACT Help** from the **Help** menu.

Plugin Help Files

1. After the plugin is installed, select **Options** from the **Tools** menu and then select **Modules**.
2. Select the plugin and then select **Help**.

Documentation Portal

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

Identifying Your Licensing Mode in the Console

If your Enterprise Manager has a *ForeScout CounterACT See* license listed in the Console, your deployment is operating in Centralized Licensing Mode. If not, your deployment is operating in Per-Appliance Licensing Mode.

Select **Options > Licenses** to see whether you have a *ForeScout CounterACT See* license listed in the table.

The screenshot shows a web interface with a left-hand navigation menu under the heading 'Options'. The menu items are: VPN, General, Discovery, NAC, Licenses (highlighted), Lists, Map, and Internal Network. The main content area is titled 'Licenses' and includes a search bar and a table of license information. The table has columns for Name, Status, and Type. The first row is highlighted in light blue and shows 'ForeScout CounterACT See' with a status of 'Valid, Capacity exceeded' and a type of 'Perpetual'. The other rows are: 'ForeScout CounterACT Control' (Valid, Capacity exceeded, Perpetual), 'ForeScout CounterACT Resiliency' (Valid, Perpetual), and 'ForeScout Extended Module for Check Point Next...' (Valid, Capacity exceeded, Perpetual).

Name	Status	Type
ForeScout CounterACT See	Valid, Capacity exceeded	Perpetual
ForeScout CounterACT Control	Valid, Capacity exceeded	Perpetual
ForeScout CounterACT Resiliency	Valid	Perpetual
ForeScout Extended Module for Check Point Next...	Valid, Capacity exceeded	Perpetual

Contact your ForeScout representative if you have any questions about identifying your licensing mode.

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