FORESCOUT

Forescout

Ensure Instant Messaging and Peer to Peer Compliance

How-to Guide

Forescout version 8.1

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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

Legal Notice

2019-03-20 14:17

Table of Contents

About Ensuring Instant Messaging and Peer to Peer Compliance

Forescout® provides powerful tools that let you continuously track and control devices where unauthorized Instant Messaging and Peer to Peer (IM/P2P) installations are detected.

Use these tools to view non-compliant host/user details, apply automated remediation measures or enable self-remediation by endpoint users.

Follow the step-by-step procedures in this guide to:

- Use a wizard-based Forescout template to create an IM/P2P Compliance policy that detects endpoints that have installed or are running these applications.
- Review an extensive range of information about each device and about the users connected to them.
- Generate real-time and trend reports on IM/P2P network compliance.

This How-to guide provides basic configuration instructions designed for a quick setup. For more information on the extended configuration options, refer to the Forescout Administration Guide.

Prerequisites

- Verify that your Forescout system was set up using the Initial Setup Wizard. Refer to the *Forescout Administration Guide* for details.

- Create and Apply an IM/P2P Policy

Follow these steps to detect endpoints installing or running IM/P2P applications using a policy template:

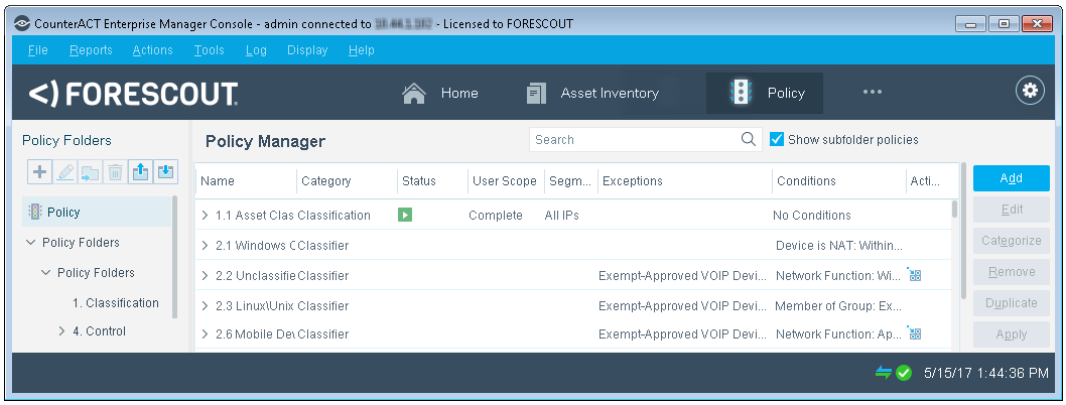
- Select the Compliance Template
- Name the Policy
- Choose Hosts to Inspect
- Choose Vendors to Manage
- Finish Policy Creation
- Activate the Policy

The tools used to manage IM and P2P applications are identical. This guide discusses IM applications specifically, but it also applies to P2P applications.

Select the Compliance Template

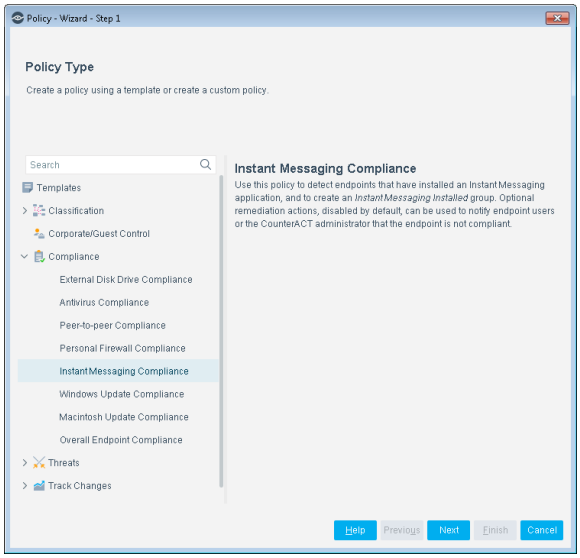
To select the Compliance template:

1. Log into the Forescout Console.
2. On the Console toolbar, select the Policy tab. The Policy Manager opens.



3. In the Policy Manager, select **Add**. The Policy Wizard opens, guiding you through policy creation.

4. Under **Templates**, expand the **Compliance** folder and select **Instant Messaging Compliance** (or **Peer-to-peer Compliance**).

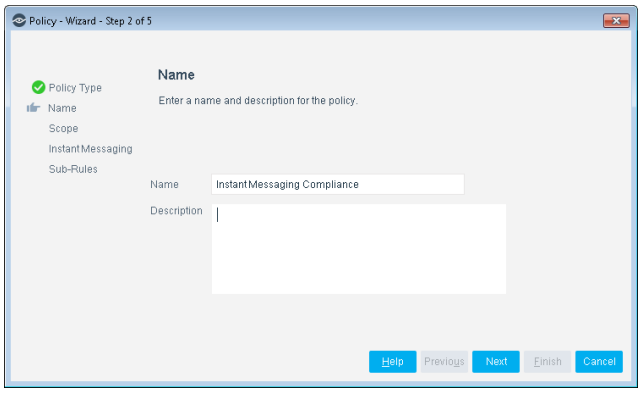


5. Select **Next**. The Name pane opens.

Name the Policy

To name the policy:

1. In the Name pane, a default policy name appears in the **Name** field.

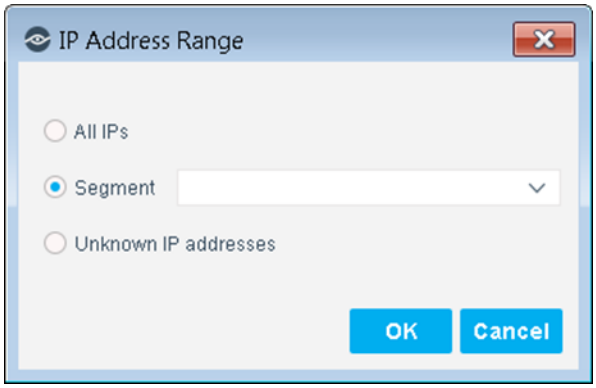


2. Accept the default name or create a new name, and add a description.
3. Select **Next**. The Scope pane and the IP Address Range dialog box open.

Choose Hosts to Inspect

To choose hosts to inspect:

1. Use the IP Address Range dialog box to define which endpoints are inspected.



The following options are available:

- **All IPs**: Include all IP addresses in the Internal Network.
- **Segment**: Select a previously defined segment of the network. To specify multiple segments, select **OK** or **Cancel** to close this dialog box, and select **Segments** from the Scope pane.
- **Unknown IP addresses**: Apply the policy to endpoints whose IP addresses are not known. Endpoint detection is based on the endpoint MAC address.

  Not applicable for this policy template.

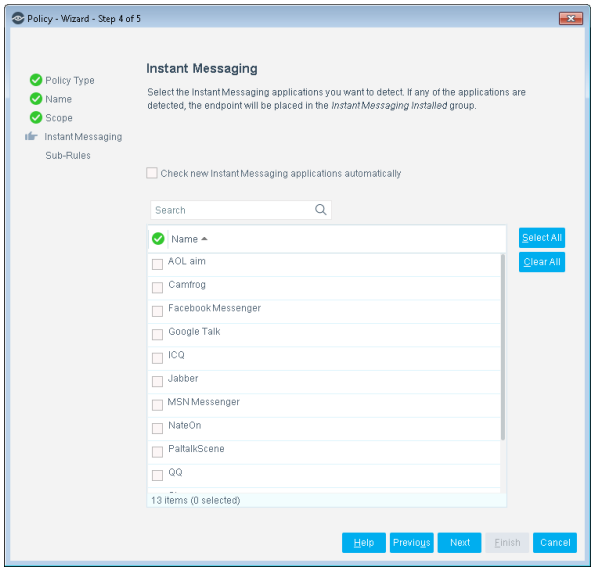
Viewing or modifying the Internal Network is performed separately. Select Tools>Options>Internal Network.

2. Select **OK**. The added range appears in the Scope list.
3. Select **Next**. The Instant Messaging (or Peer-to-peer) pane opens.

Choose Vendors to Manage

To choose vendors to manage:

1. Select the checkboxes of specific vendors to detect, or select **Select All**.

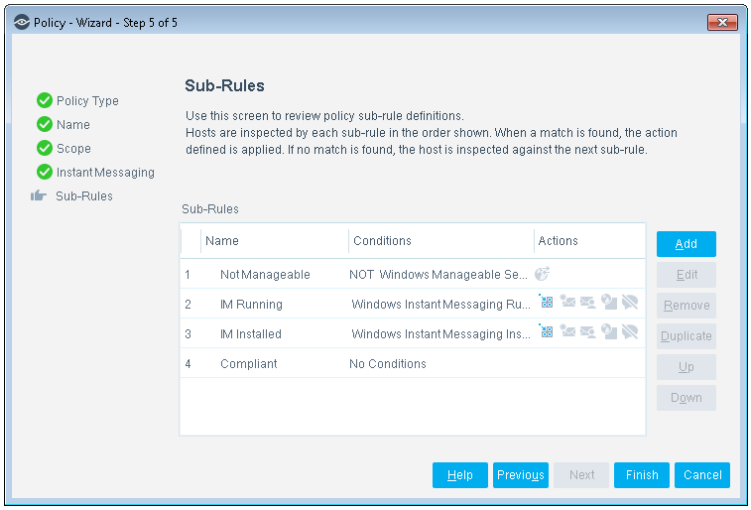


2. New vendors may be added to this list in between Forescout version releases. To automatically include newly supported vendors/versions in the inspection, select the **Check new Instant Messaging applications automatically** checkbox.
3. Select **Next**. The Sub-Rules pane opens.

Finish Policy Creation

The policy sub-rules are displayed in the Sub-Rules pane. Rules instruct the Forescout platform how to detect hosts (Conditions) and handle hosts (Actions). The *Add to Group* action is enabled by default. Optional remediation actions, disabled by default, can be used to notify endpoint users or the Forescout administrator that the

endpoint is not compliant. After you have run the policy and verified that results accurately reflect your network, you can remediate by enabling these actions.



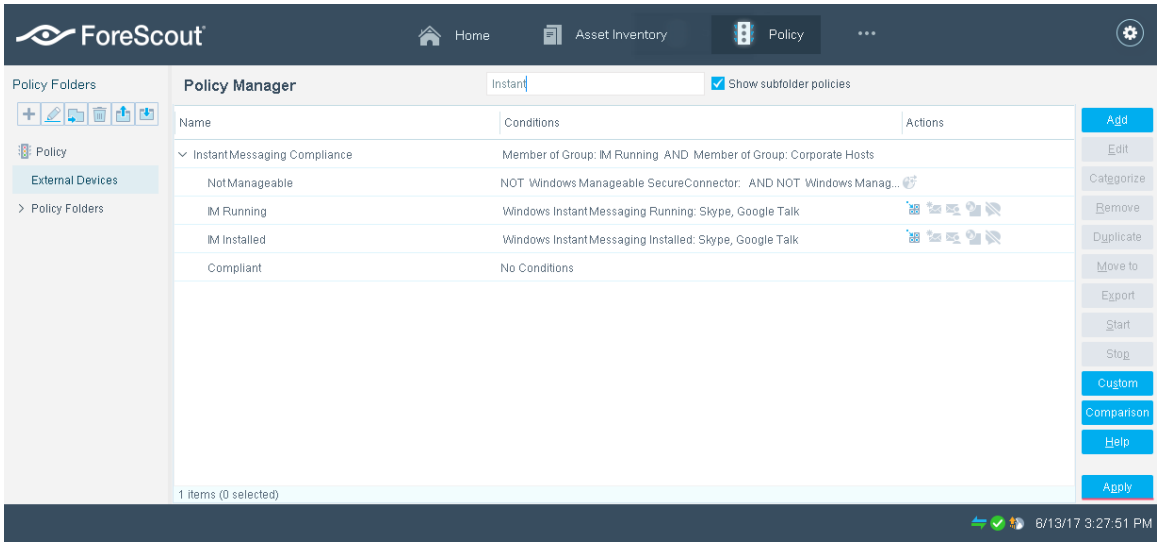
To finish the creation of the policy:

- Select **Finish**. The policy automatically appears highlighted in the Policy Manager, where it can be activated.

Activate the Policy

To activate the policy:

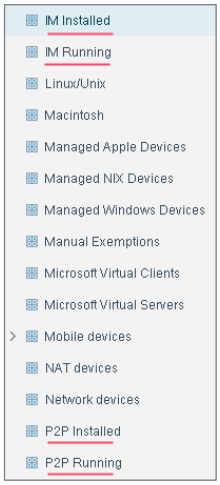
1. On the Console toolbar, select the Policy tab.
2. In the Policy Manager, select the policy you created.



3. Select **Apply**.
4. A series of confirmation dialog boxes open. Select **Yes** or **OK** accordingly. On completion, the policy is activated.

The Forescout platform detects the endpoints on which IM applications are either installed or running.

5. On the Console toolbar, select the Home tab.
6. In the Filters pane, expand the **Groups** folder and scroll to view the detected endpoints (IM or P2P).



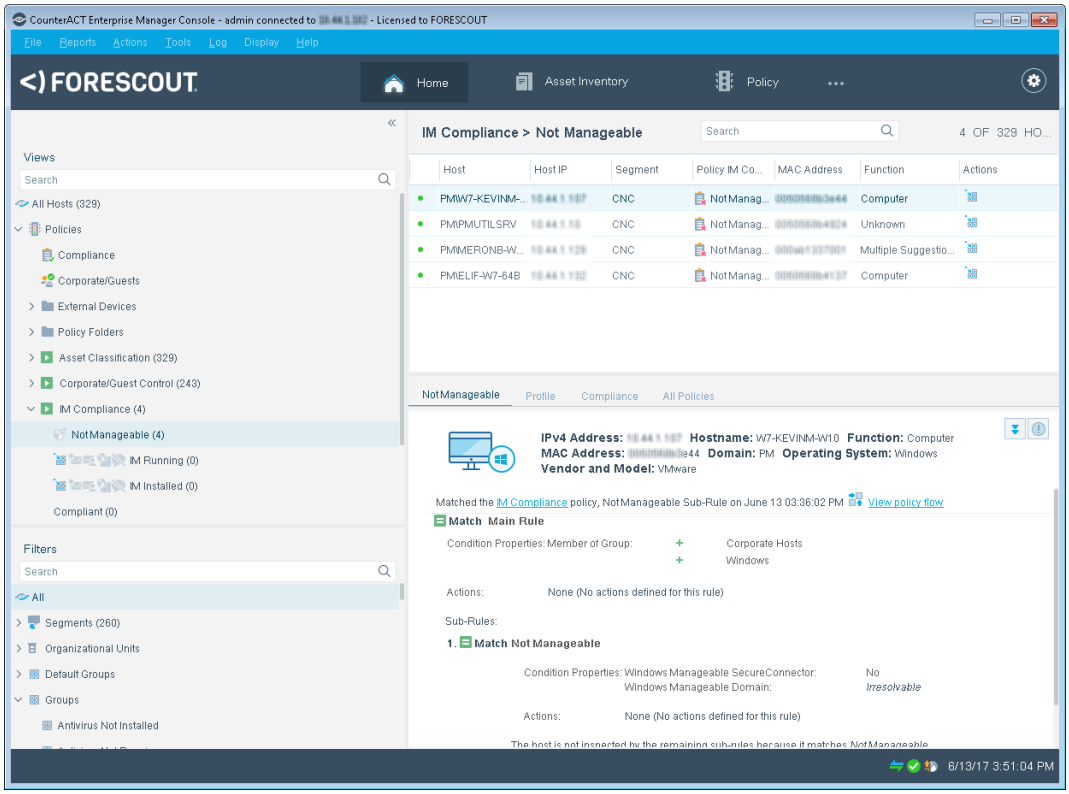
Evaluate Host Compliance

After activating the policy, you can view an extensive range of details about non-compliant endpoints and users.

To view details about non-compliant endpoints and users:

1. On the Console toolbar, select the Home tab.
2. In the Views pane, expand the **Policy** folder and scroll to the policy you created.

3. In the Detections pane, select a host. Host information is displayed in the Details pane.



4. To customize the information displayed about hosts and users connected to endpoints, right-click a column heading, select **Add/Remove Columns**, and select the information of interest to you. You can also reorder the columns.

Generate Reports

After the policy runs, you can generate reports with real-time and trend information about non-compliant hosts. You can generate and view the reports immediately, or schedule report generation.

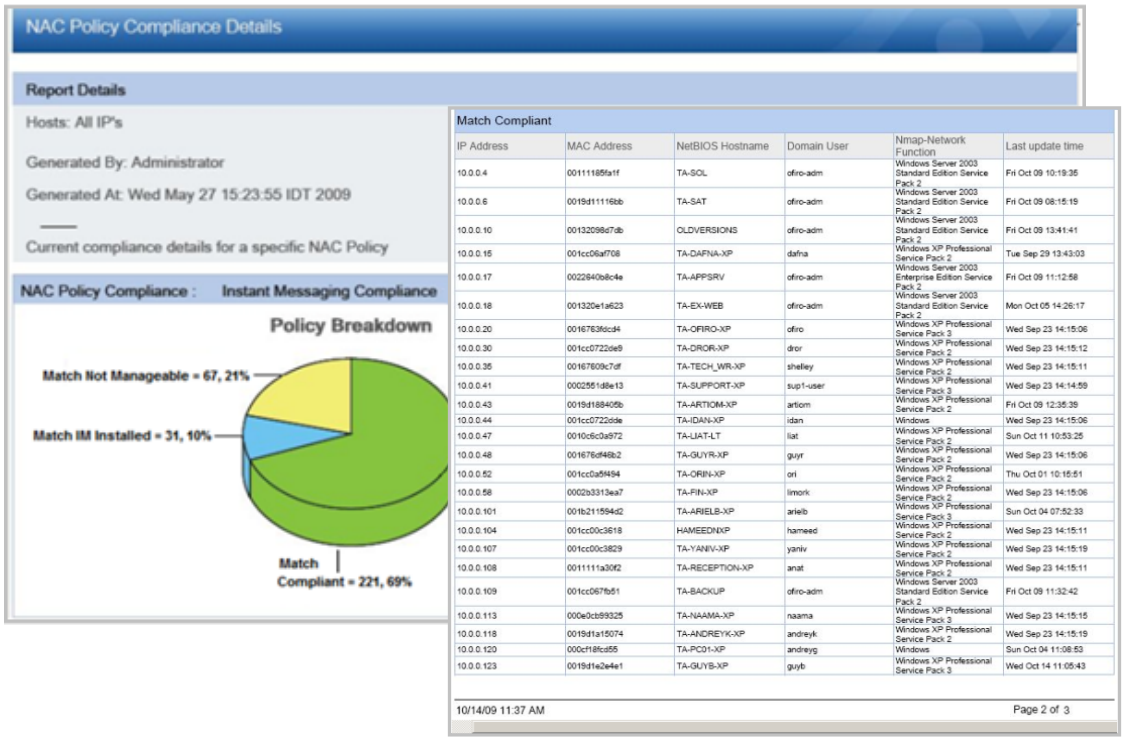
The Reports Portal provides tools to customize reports and schedule automatic report generation. For more information about this portal, see the Forescout Administration Guide*.*

To generate a report:

1. Select **Web Reports** from the Console **Reports** menu. The Reports portal opens.
2. Select **Add**. The Add Report Template dialog box opens.
3. Select a report template, and select **Next**. A report configuration page opens.
4. Define the report specifications in each field.

5. Schedule report generation (optional).
6. Select **Save** (optional) to save the report settings and assign them a name. The report name appears in the **Reports** list for future use.
7. Select **Run** to generate and display the report.

   In the following example, the Policy Compliance Details report was selected. This report gives you a pie chart breakdown of compliance with an IM or P2P policy, and provides details depending on the information fields you selected to view.



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 Resources Page, or 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 Portal

Software downloads are also available from these portals.

To identify your licensing mode:

- From the Console, select **Help > About Forescout**.

Forescout Resources Page

The Forescout Resources Page provides links to the full range of technical documentation.

To access the Forescout Resources Page:

- Go to https://www.Forescout.com/company/resources/, select **Technical Documentation** and search for documents.

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 Portal

The Downloads page on the Forescout Customer 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 Forescout Customer 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.

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

To access the Documentation Portal:

- Go to https://updates.forescout.com/support/files/counteract/docs_portal/ and use your customer support credentials to log in.

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 **Forescout Help** from the **Help** menu.

Plugin Help Files

- After the plugin is installed, select **Tools** > **Options** > **Modules**, select the plugin and then select **Help**.

Online Documentation

- Select **Online Documentation** from the **Help** menu to access either the Forescout Resources Page (Flexx licensing) or the Documentation Portal (Per-Appliance licensing).