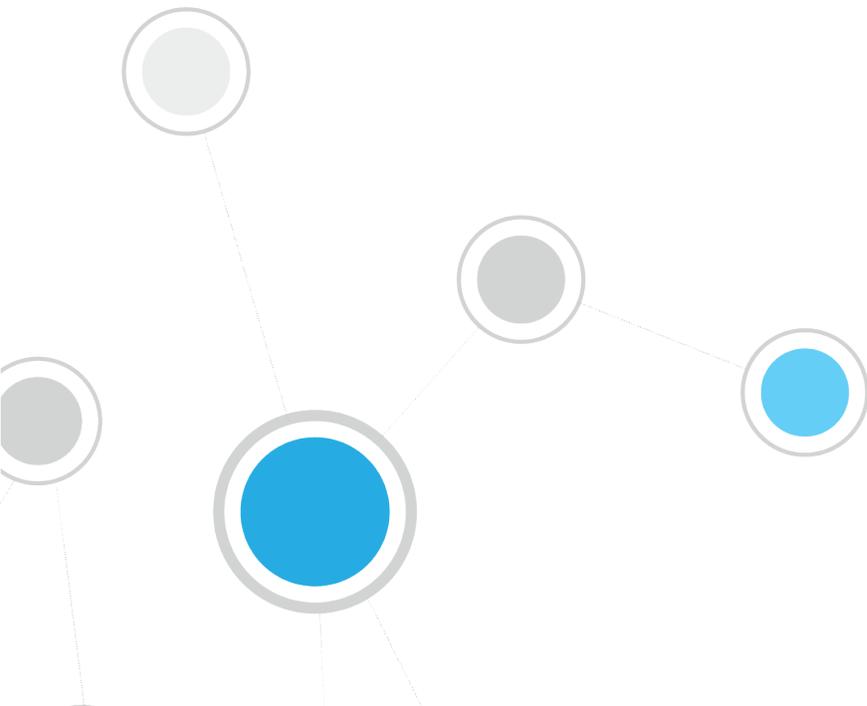# CounterACT® Wireless Plugin

Integration with Aerohive Access Points

Configuration Guide

Version 1.5.1

Table of Contents

About the Plugin

The ForeScout® CounterACT Wireless Plugin extends NAC capabilities to 802.11 wireless network controllers and access points. This document describes how to configure Aerohive wireless access points for integration with the CounterACT Wireless plugin.

Requirements

The plugin requires the following CounterACT releases and other CounterACT components:

- Aerohive Access Points with Hive Manage software version 5.1 or higher
- Network Module version 1.0 or above with the following components running:
  - Wireless Plugin,
 - Switch Plugin.
- CounterACT version 8.0.

Configuration

The configuration settings you define here must match the configuration settings you define in the plugin configuration screens at the CounterACT Console. For example, if you configure CounterACT to use Telnet and SNMP v2 to communicate with Aerohive access points, make corresponding settings in Hive Manager.

To configure Aerohive access points:

1. Log into the Hive Manager as an administrator with membership in the Configuration and Monitoring group.

2. In the main menu bar, select **Configuration**. The Network Configuration wizard appears.

3. In the Choose Network Policy pane, select a policy to edit, and select **OK**. The Configure Interfaces & User Access pane opens.

   📄 *To allow communication with CounterACT, the policy you modify must be active on the access points.*
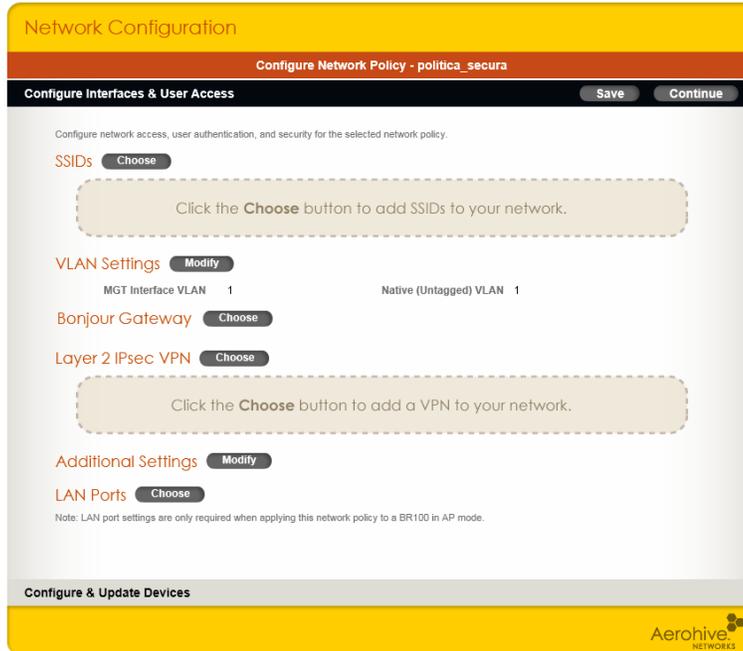
1. At the Additional Settings option, select **Modify**. The Additional Settings pane appears. To allow communication with CounterACT, you modify settings in the following categories:

   – Traffic Filter Settings – to enable SSH/Telnet communication

   – Management Server Settings – to enable SNMP reports
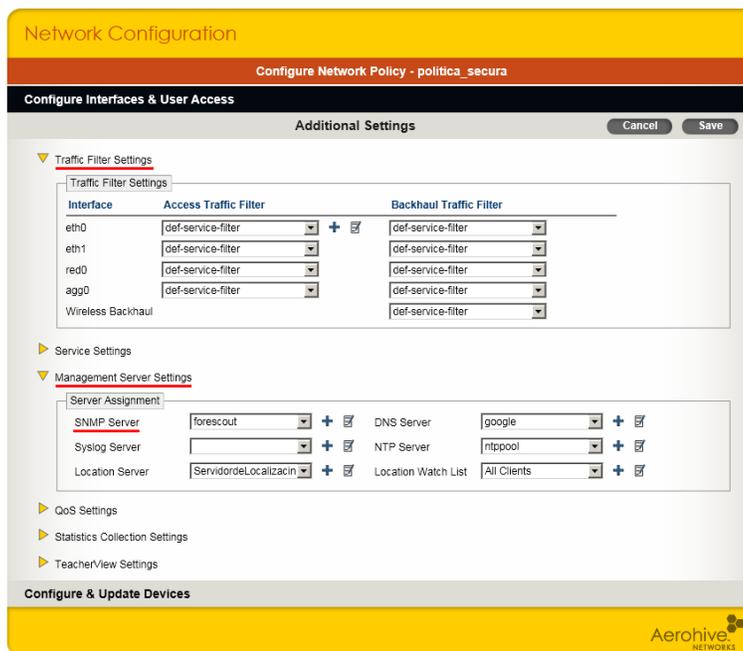
2. *Allow SSH or Telnet communications with CounterACT:* select the **Traffic Filter Settings** category. Select the plus icon ✚ to add a traffic filter. Define a new filter for ForeScout traffic that:

   – Enables SSH or Telnet communication.

– Enables SNMP communication.

Select **Save**.
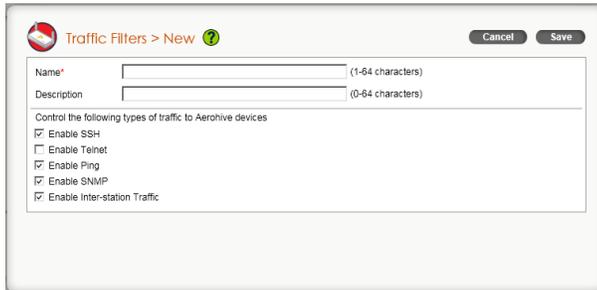
3. In the Traffic Filter category, select this new filter as an Access Traffic Filter.

4. ***Add CounterACT as a target for SNMP traps:*** select the **Management Server Settings** category. At the SNMP Server field, select the plus icon ✚ to add an SNMP server.
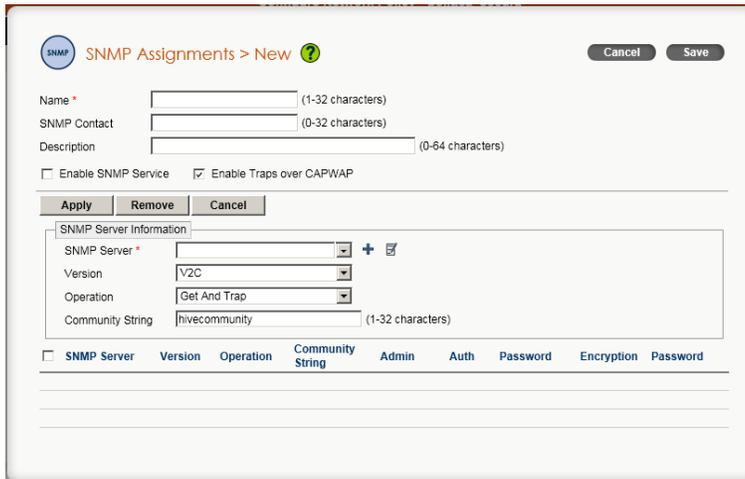
5. Define an SNMP server profile for communication with CounterACT:

– Select the **Enable SNMP Service** option.

– Clear the **Enable Traps over CAPWAP** option.

In the SNMP Server Information area:

– Use the IP address of the target CounterACT device to define the SNMP server.

– In the Version field, select *V2C*. CounterACT does not support SNMP version 3 for this vendor.

– In the Operation mode field, choose the *Get and Trap* option.

– Define a community string in the **Community String** section.

6. Select **Save**.

7. In the Additional Settings pane, choose the new SNMP profile and select **Save**.

8. In the Configure Interfaces & User Access pane, select **Save**.

MIBs Used for Aerohive Communication

CounterACT periodically queries Aerohive for the following information:

- A list of Aerohive access points:
  1.3.6.1.2.1.1.5

- A table of mobile clients:
  1.3.6.1.4.1.26928.1.1.1.2.1.2.1

Aerohive access points use the following MIBs to report mobile device connect/disconnect:

The following header MIB identifies communication from Aerohive:
1.3.6.1.4.1.26928.1.1.1.1.1.4

The message contains the following MIBs:

- Endpoint MAC Address: 1.3.6.1.4.1.26928.1.1.1.1.2.15

- Endpoint IP Address: 1.3.6.1.4.1.26928.1.1.1.1.2.25

- Endpoint SSID: 1.3.6.1.4.1.26928.1.1.1.1.2.20

- Endpoint Authorization method: 1.3.6.1.4.1.26928.1.1.1.1.2.35

- Access Point MAC Address: 1.3.6.1.4.1.26928.1.1.1.1.2.42

- Access Point Name: 1.3.6.1.4.1.26928.1.1.1.1.2.2

- Event String: 1.3.6.1.4.1.26928.1.1.1.1.2.11

The Event String MIB specifies join/disconnect events.

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**.
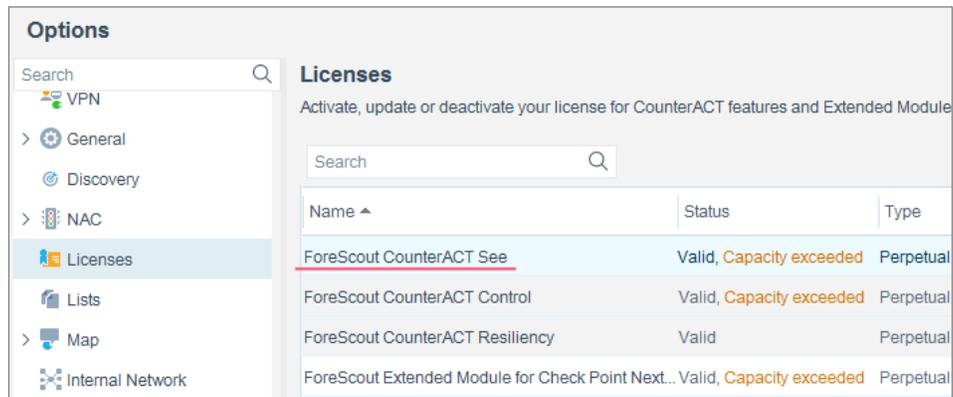
2. Select the plugin and then select **Help**.

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.

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

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