



October 2017

## Version Information

Amazon Web Services (AWS) Plugin version 1.1.1

### Supported CounterACT<sup>®</sup> Versions

Customers who are working with the following CounterACT version can install the plugin:

- 7.0.0

## Requirements

- Service Pack 2.3.2 or above.
- An Amazon Web Services online account is required.
- You will need one AWS Access Key ID and Secret Key to configure the AWS plugin. These are associated with a User profile on AWS. The access key ID is a unique identifier associated with a secret key. These two keys are used by the AWS plugin to communicate with AWS on behalf of that user.
- If you are using a proxy server with Basic Authentication, you will need that proxy's credentials.
- The plugin requires the following AWS services, and the user must have the related permissions:
  - **Amazon EC2** – Amazon Elastic Compute Cloud (Amazon EC2) is a web service that enables you to launch and manage Linux / UNIX and Windows server instances in Amazon's public cloud. There are two user permissions options that can be used on CounterACT:
    - Read-only permissions (CounterACT will support visibility only). To provide this permission, the user should have the *AmazonEC2ReadOnlyAccess* access policy configured.
    - Full permissions (CounterACT will support both visibility and control). To provide this permission, the user should have the *AmazonEC2FullAccess* access policy configured.
  - **Amazon VPC** – Amazon Virtual Private Cloud (VPC) is a web service for provisioning a logically isolated section of AWS Cloud where you can launch AWS resources in a virtual network you define. You control your virtual networking environment, including selection of your own IP address range, creation of subnets, and configuration of route tables and network gateways.



- **CloudWatch** - CloudWatch is a web service that enables you to monitor and manage various metrics. It also allows the configuration of alarm actions based on the metrics' data. The AWS plugin uses this service to gather flow log data. In order to receive the flow logs data, the user should have the *CloudWatchLogsReadOnlyAccess* permission configured.

### Networking Requirements

The following must be configured on enterprise firewalls to support communication between CounterACT and AWS regional access points.

- Outgoing communication on port 443/TCP must be allowed
- The \*.amazonaws.com domain must be reachable with HTTPS
- (Optional) Proxy communication, for example, port 8080 is open

## Amazon Web Services Overview

CounterACT integrates with Amazon Web Services (AWS), bringing the detailed visibility, control and compliance capabilities of CounterACT to instances in the public cloud. The AWS Plugin connects to Amazon's public cloud environment to retrieve information on Elastic Compute Cloud (EC2) instances. The instances follow the same rules as any other endpoint discovered by CounterACT where one can define policies and actions on those endpoints.

CounterACT cloud integration enables:

- Visibility of endpoints in Amazon's public cloud
- Creating and applying CounterACT policies.
- Maintaining security of cloud endpoints
- Enforcing compliance on endpoints

## Use Cases

This plugin addresses the following use-cases:

- *Consolidated Visibility* – Extended's CounterACT's see and control capability to AWS public cloud.
- *Dynamic Segmentation of Instances* – Segment EC2 instances based on their classification and/or compliance posture.
- *Security Management of EC2 Instances* – Manage security settings of instances using security groups.
- *Detect and Prevent Unauthorized Access to and from EC2 Instances* – Use detail traffic flow information for an instance to detect and prevent any unauthorized access.



## Fixed Issues

This section describes fixed issues in this release.

Issue	Description
<b>AWS-787</b>	In each Flow Logs polling interval, the plugin requested Flow Logs data for the last 24 hours, which resulted in reduced performance. The plugin now requests data only for the configured Flow Log Query Interval.

## Known Issues

This section describes all known issues in this release.

Issue	Description
<b>72068</b>	<ul style="list-style-type: none"><li>▪ Selecting <i>Sync</i> in the AWS regions tab does not display a message if the user quits the window without selecting <b>Apply</b>.</li><li>▪ If the user does select <b>Apply</b>, a message displays, incorrectly stating that no changes were made.</li></ul> Workaround: After selecting <b>Sync</b> , select the regions you want to include, select <b>Apply</b> and then select <b>Yes</b> to save the configuration.

## How to Install

Perform the following steps to download the plugin from the Web site and install it on the Console.

### To install the plugin:

1. Navigate to the [Customer Support, Base Plugins](#) page and download the plugin **.fpi** file.
2. Save the file to the machine where the CounterACT Console is installed.
3. Log into the CounterACT Console and select **Options** from the **Tools** menu.
4. Select **Plugins**. The Plugins pane opens.
5. Select **Install**. The Open dialog box opens.
6. Browse to and select the saved plugin **.fpi** file.
7. Select **Install**.
8. An installation or upgrade information dialog box and a license agreement dialog box will open. Accept the license agreement to proceed with the installation.



9. Once the installation is complete, select **Close**. The plugin is listed in the Plugins pane.

## More Release Information

This section provides information about the following topics:

- [Rollback Support](#)
- [Currently Available Releases](#)
- [Previous Releases](#)

## More Plugin Information

Refer to the plugin configuration guide for more information about the plugin.

### To access the plugin configuration guide:

1. After the plugin is installed, select **Options** from the Console **Tools** menu.
2. Navigate to and select the **Plugins** folder. The Plugins pane opens.
3. Select the plugin from the Plugins pane and then select **Help**.

## Rollback Support

Under certain circumstances you may want to roll back the plugin to a previously installed version. This may happen, for example, if your system does not operate as expected after the plugin upgrade.

You can roll back this plugin to a previous version.

Plugins on Appliances connected to the Enterprise Manager are rolled back to the selected version. Plugins on Appliances that are not connected to the Enterprise Manager during the rollback are rolled back when the Enterprise Manager next reconnects to the Appliances.

### To view rollback versions and perform the roll back:

1. Select **Options** from the Console **Tools** menu.
2. Navigate to and select the **Plugins** folder.
3. In the Plugins pane, select the plugin you want to roll back.
4. Select **Rollback**. A dialog box opens listing the versions to which you can roll back.
5. Select a version and then select **OK**. A dialog box opens showing you the rollback progress.



## Currently Available Releases

You can view information about Amazon Web Services Plugin releases supported by specific CounterACT versions. To view, click the following link:

<https://updates.forescout.com/support/files/plugins/aws/Updates.pdf>

New features or fixes may be provided after this release. These items will be made available as releases to the upcoming plugin version until the final version is posted on the ForeScout Customer Support page.

## 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://updates.forescout.com/support/files/plugins/aws/1.1.0/1.1.0-11000078/RN.pdf>

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