



Cisco Stealthwatch

Visibility Assessment Release Notes v1.0



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Introduction

This document provides general information as well as improvements and bug fixes for all feature and maintenance releases of Visibility Assessment v1.0.x. The latest version of Visibility Assessment is v1.0.14.

Overview

Visibility Assessment quickly gains insights into the areas of security risks on your network with minimal server classification and no policy tuning. The data on the Visibility Assessment helps security and network personnel quantify the hosts, systems, and resources on their network, making sure there is nothing present that they don't know about. It also helps you make better decisions based on data, identify critical assets, validate policies, and audit and demonstrate compliance.

Before You Begin

Before you install Visibility Assessment, please read this section.



Visibility Assessment is subject to export control laws and regulations. By downloading Visibility Assessment, you agree that you will not knowingly, without prior written authorization from the competent government authorities, export or re-export (directly or indirectly) Visibility Assessment to any prohibited destination, end user, or for any end use.

App compatibility with Stealthwatch

When you update Stealthwatch, the app that is currently installed will be retained; however, the app may not be compatible with the new Stealthwatch version. Refer to the [Stealthwatch Apps Version Compatibility Matrix](#) to determine which app version is supported by a particular version of Stealthwatch.

You can have only one version of an app installed on your Stealthwatch Management Console (SMC). Use the App Manager page to manage your installed apps. From this page you can install, update, uninstall, or view the status of an app. Refer to the following table to learn about the possible app statuses.

Since it is possible that a newer version of an app exists and is not listed in App Manager, always check to see if a newer version is available in Flexera.



When you are updating to a later version of an app, simply install the newer version over the existing version. You do not need to uninstall your existing app. If you uninstall Visibility Assessment, all files associated with it, including temporary files, are removed.

Status	Definition	Action to Take
UpToDate	Your installed app is the most current version.	No action is required.
UpdateAvailable	You have upgraded to a new version of Stealthwatch. Your existing app is supported by this version of Stealthwatch, but a new version of this app is available.	If you desire, go to Flexera to download and install the latest version (this will replace your existing version).
UpgradeRequired	You have upgraded to a new version of Stealthwatch, and your existing app is not supported by the Stealthwatch version you are now using.	To continue using this app, go to Flexera to download and install the latest version (this will replace your existing version).
AppNotSupported	You have upgraded to a new version of Stealthwatch. This app may no longer be supported by the version of Stealthwatch you are now using. It could be that this app has been deprecated or a newer version of this app has not yet been released.	Go to Flexera to see if a new version has been released.
Error	The installation, upgrade, or removal process for the associated app has not suc-	Contact Cisco Stealthwatch Support (see the last section in this document

Status	Definition	Action to Take
	cessfully completed.	for support contact information). A partial installation, upgrade, or removal of this app may have occurred. If so, this must be corrected.

Resource usage

Visibility Assessment

- supports multiple Flow Collectors and domains
- requires the following amount of disk space:
 - /lancope - 160 MB
 - /lancope/var - 70 MB (Keep in mind that this disk space volume is a starting point, and consumption will grow as your system accumulates more data.)

To find the disk usage statistics for an appliance, complete the following steps.

1. In the SMC Web App, click the Global Settings icon.
2. Select **Central Management**.
3. Select the **Appliance Manager** tab.
4. Click the **Actions** menu for the appliance.
5. Select **View Appliance Statistics**.
6. If prompted, log in to the Appliance Administration interface.
7. Scroll down to the Disk Usage section.

Failover

Upon installation, an app is installed on both the primary and secondary SMCs; however, the app works only on the primary SMC. If the secondary SMC becomes the primary SMC, the app functions on the new primary SMC as if it had been newly installed. No historical data is retained, since no app-related data is transferred between the failover pair. If the original primary SMC once again becomes the primary SMC, functionality is restored on this original primary SMC. It retains only the historical data it contained before it became the secondary SMC.

- If the apps or app versions on your Primary and Secondary Stealthwatch Management Consoles do not match, the apps may not function properly. When there is a mismatch, a message will be displayed prompting you to sync your apps or app versions.

Backup

Refer to the following table to know if Visibility Assessment data and configuration settings can be backed up.

If I perform this type of backup...	Will the associated data be backed up?
Configuration	<ul style="list-style-type: none"> • Installation is not backed up. • No app-specific configuration is backed up.
Database	<ul style="list-style-type: none"> • No app-specific data is backed up.

Install Visibility Assessment

To install Visibility Assessment, access Central Management and click the App Manager tab. The Stealthwatch Management Console (SMC) will begin to run immediately after you install Visibility Assessment. Please allow some time for any results to be displayed. We recommend that for your browser you use either Chrome or Firefox. If while in the app you begin to switch often between Visibility Assessment and the Stealthwatch Web app or other apps, eventually your system will begin to respond more slowly. To resolve this issue, refresh the page.

- If the available disk space in Stealthwatch is between 100–300 MB, a message will appear informing you how much remaining disk space Stealthwatch has. In this situation, it is possible that the Visibility Assessment app may require more disk space than is available. See [Resource usage](#) in this document to verify how much disk space is required for the Visibility Assessment app.
- If Stealthwatch has less than 100 MB of disk space, you will not be able to install this app.

App Compatibility Notice

Stealthwatch apps were introduced in v7.0.0 of Cisco Stealthwatch.

Stealthwatch apps are similar in concept to the apps you install on a smartphone. They are optional independently releasable features that enhance and extend the capabilities of Cisco Stealthwatch. You can install, update, and remove Stealthwatch apps using App Manager, which you can access in the SMC Web App under the Central Management menu option.

The release schedule for Stealthwatch apps is independent from the normal Stealthwatch upgrade process. Consequently, we can update Stealthwatch apps as needed without having to link them with a core Stealthwatch release.

To simplify the Stealthwatch customer experience, only one version of a Stealthwatch app will be available to install at any point in time (similar to the app store model). Although we strive for maximum app compatibility, not all versions of an app will be compatible with all versions of Stealthwatch. To learn which app version is supported by a particular version of Stealthwatch, see the [Stealthwatch Apps Version Compatibility Matrix](#).

Some apps may require you to upgrade to the latest version of Cisco Stealthwatch. In addition, when you upgrade your Stealthwatch system, you may need to upgrade some or all of the apps.

Cisco reserves the right to discontinue a Stealthwatch app at any time. There may be many reasons for doing so, including but not limited to the following:

1. The equivalent capabilities provided by the app are now provided elsewhere, either via a new version of the app, a new app, or via a feature in Stealthwatch.
2. The capabilities provided by the app are no longer considered relevant or useful to our customer base.

If the decision is made to discontinue a Stealthwatch app, advance notice will be provided at least sixty days prior to the discontinuation date. Although Stealthwatch apps are currently included with your Cisco Stealthwatch license, Cisco reserves the right to charge license fees for certain Stealthwatch apps in the future.

Online Help

To access the online help for this app, click the Help icon  located in the upper right corner of the page.

What's Been Fixed

This section summarizes fixes made in this release. The Stealthwatch defect or story number is provided for reference.

Version 1.0.7

Defect	Description
US30583	Logging operations were not in adherence to Cisco standards. Logging operations are now in adherence to Cisco standards.
US30988	Previous versions of the app did not provide mechanisms to remove all of its artifacts when being uninstalled from an UpgradeRequired or AppNotSupported state. The app now ensures that all of its artifacts are removed when uninstalled from these states.
US31452	When trying to install Visibility Assessment v1.0.4 with Stealthwatch v7.1.0 , there was a conflict with the SWU loader and the app was not able to be installed. The SWU loader conflict has been resolved, and Visibility Assessment v1.0.7 can be installed on Stealthwatch v7.1.0.
US32515	Cisco TLS standards were not being enforced. Cisco is now enforcing the use of TLS v1.2 or greater.
US32516	Logging operations were not in adherence to Cisco standards. Logging operations are now in adherence to Cisco standards, so a log is now limited to two log files with a maximum size of 5MB each.
CSCvo66930	Visibility Assessment was using a version of jackson-databind that had reported vulnerabilities. Visibility Assessment now uses an updated version of jackson-databind that has no reported vulnerabilities.

Version 1.0.11

Defect	Description
SWAPP-	Visibility Assessment was not compatible with 7.0.2 nginx routes.

Defect	Description
186	Visibility Assessment is now compatible with 7.0.2 nginx routes.

Version 1.0.14

Defect	Description
CSCvq89592	Visibility Assessment was using a version of jackson-databind that had reported vulnerabilities related to the subcomponent FasterXML.
CSCvq80550	Visibility Assessment now uses an updated version of jackson-databind that has resolved the related FasterXML vulnerabilities.
US35740	<p>Google Analytics telemetry collection has been added to Visibility Assessment.</p> <p>To disable Google Analytics, in Central Management go to the General tab, scroll down to the External Services section, and uncheck the Enable Google Analytics check box.</p> <div style="border: 1px solid #00a0e3; padding: 5px; margin-top: 10px;"> <p> You can disable Google Analytics beginning with v7.1.x.</p> </div>

Contact Support

If you need technical support, please do one of the following:

Call

- Your local Cisco Partner
- Cisco Stealthwatch Support
 - (U.S.) 1-800-553-2447
 - Worldwide support number: <https://www.cisco.com/c/en/us/support/web/tsd-cisco-worldwide-contacts.html>

Open a case

- By web: <http://www.cisco.com/c/en/us/support/index.html>
- By email: tac@cisco.com

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