

Release Notes

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Introduction

This document describes the bugs resolved in Cisco WAN Automation Engine (Cisco WAE) Release 7.1.3 Patch 1.

Cisco WAN Automation Engine (WAE) provides the tools to create and maintain a model of the current network through the continual monitoring and analysis of the network and the traffic demands that are placed on it. This network model contains all relevant information about a network at a given time, including topology, configuration, and traffic information. You can use this information as a basis for analyzing the impact on the network due to changes in traffic demands, paths, node and link failures, network optimizations, or other changes.

The Cisco WAE platform is an open, programmable framework that interconnects software modules, communicates with the network, and provides APIs to interface with external applications.

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Upgrade from Cisco WAE 7.1.3

This procedure outlines the steps necessary to upgrade from Cisco WAE 7.1.3:

Before you begin

Make sure Cisco WAE 7.1.3 is installed before applying the patch.

Procedure

- Step 1** Stop WAE services using supervisor.
- ```
supervisorctl stop wae:*
```
- Step 2** Change permission of the install file using the command:
- ```
chmod 755 wae-v7.1.3-patch1-linux.bin
```

Step 3 Install Cisco WAE 7.1.3 Patch 1 using the following command:

```
# ./wae-v7.1.3-patch1-linux.bin [-i WAE_INSTALL_DIR] [-r WAE_RUN_DIR] [-b BACKUP_DIR]
```

where

WAE_INSTALL_DIR is the WAE install directory path.

WAE_RUN_DIR is the run directory path.

BACKUP_DIR is the backup directory to use when creating the patch.

Step 4 Start WAE services using supervisor:

```
supervisorctl start wae:*
```

Step 5 Confirm that all WAE services are running:

```
supervisorctl status
```

Step 6 On the WAE CLI, run:

```
admin@wae# packages reload
```

Note After installation of the patch, use the new version of Cisco WAE Design (7.1.3-patch1) that is available for download for all platforms.

Step 7 (Optional) If license_install tool was run previously from within the WAE install directory <WAE_INSTALL_DIR>, then run the license_install tool once again after installing this patch.

Documentation

To find descriptions of all related Cisco WAE documentation, see the [Cisco WAE 7.1.3 Documentation Roadmap](#).



Note We sometimes update the documentation after original publication. Therefore, you should always review the documentation on Cisco.com for any updates.

Open Source

A list of open source software that is used in WAE can be found in *Open Source Software Used in Cisco WAN Automation Engine*.

Bugs

Resolved Bugs

The following are descriptions of the resolved bugs in Cisco WAE Release 7.1.3 Patch 1:

Table 1: Resolved Bugs

Bug ID	Description
CSCvo81254	WMD crashes when tested using wae713 Alpha image.

Bug ID	Description
CSCvo88515	WAE application crashes after invoking/executing <code>custom-network-info</code> task.
CSCvp60520	Unable to keep active connection with XTC
CSCvp62803	WMD does not get traffic from traffic-poll-nimo
CSCvp67250	Mismatch in traffic information data between WMD and traffic-poll-nimo
CSCvp86817	Archiving in WAE times out after restarting WAE.
CSCvp90286	WAE 7.1.3 does not function properly as /tmp is full of WAE tmp files.
CSCvo36676	WAE server crashes while java processes continue running.
CSCvp52105	WAE CLI freezes on commit
CSCvn72882	Unable to discover multi-topology ISIS from Alcatel device
CSCvp44310	WAE Design takes time to recalculate simulated traffic numbers when Multicast tables are included.
CSCvq01121	The traffic balance of external endpoint member is rounded off when a plan file is imported.

Known Limitations

This section describes known limitations and restrictions for Cisco WAE Release 7.1.3 Patch 1:

CSCvp63150: DesignApi process memory footprints increased.

This issue can be resolved using the following workaround:

1. From the Expert Mode, navigate to `/wae:wae/components/wmd:wmd` and click **config**.
 - From the **network-name** drop-down list, select the final network model.
 - Click **rpc-connection** and set **respawn-on-reload** to true.
2. Navigate to `/wae:wae/components/aggregators/aggregator <network_name>` and schedule the **resync-aggregator-net** action.
3. After making the changes, run the following command on WAE CLI:

```
admin@wae# packages reload
```

CSCvo36676: WAE server crashes leaving java processes running.

This issue can be resolved by upgrading Network Service Orchestrator to version 4.7.4 as part of WAE 7.1.3 patch 1.

CSCvo88515: WAE application crashes with errors "unexpected end of file" and "exception internal" after invoking or executing the `custom-network-info` task.

This issue can be resolved by upgrading Network Service Orchestrator to version 4.7.4 as part of WAE 7.1.3 patch 1.

Using the Cisco Bug Search Tool

You can use the Cisco Bug Search Tool to search for a specific bug or to search for all bugs in a release.

Procedure

Step 1 Go to the <http://tools.cisco.com/bugsearch>.

Step 2 Enter your registered Cisco.com username and password, and click **Log In**.

The Bug Search page opens.

Note If you do not have a Cisco.com username and password, you can <http://tools.cisco.com/RPF/register/register.do>.

Step 3 Use any of these options to search for bugs, and then press Enter (Return) to initiate the search:

- To search for a specific bug, enter the bug ID in the Search For field.
- To search for bugs based on specific criteria, enter search criteria, such as a problem description, a feature, or a product name, in the Search For field.
- To search for bugs based on products, enter or select a product from the Product list. For example, if you enter “WAE,” you get several options from which to choose.
- To search for bugs based on releases, in the Releases list select whether to search for bugs affecting a specific release, bugs that were fixed in a specific release, or both. Then enter one or more release numbers in the Releases field.

Step 4 When the search results are displayed, use the filter tools to narrow the results. You can filter the bugs by status, severity, and so on.

To export the results to a spreadsheet, click **Export Results to Excel**.

Accessibility Features

For a list of accessibility features in Cisco WAE, visit <https://www.cisco.com/c/en/us/about/accessibility/voluntary-product-accessibility-templates.html> (VPAT) website, or contact accessibility@cisco.com.

All product documents except for images, graphics, and some charts are accessible. If you would like to receive the product documentation in audio format, braille, or large print, contact accessibility@cisco.com.

