

Foglight[®] for Cassandra 7.1.0.16

Release Notes

Developed and tested for Foglight Management Server 7.1.0

June 2024

These release notes provide information about the Foglight[®] for Cassandra 7.1.0.16 release.

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Welcome to Foglight for Cassandra

Complex applications that require storage of a massive amount of data and a flexible data structure require a new form of database. Cassandra database offers scalability and high availability without compromising performance on commodity hardware or cloud infrastructure. This makes it an ideal platform for mission-critical data and for replicating across multiple datacenters. Cassandra is a best-in-class solution, providing low latency for users and peace of mind, with an architectural rigidity designed to survive regional outages.

Foglight for Cassandra provides a consolidated view of all monitored Cassandra Clusters, containing information on cluster structure, nodes, health status, and other key metrics. Derived calculations provide insight into the overall cluster workload taking into account activity on each node in the cluster.

These Release Notes cover the resolved issues, known issues, workarounds and other important information about 7.1.0 release of Foglight for Cassandra. Review all sections before starting installation.

Foglight for Cassandra 7.1.0.16 is a minor release with enhancements and bug fixes. See [Enhancements and resolved issues](#).

Enhancements and resolved issues

The following is a list of enhancements implemented in Foglight for Cassandra 7.1.0.16.

Enhancement/ Resolved Issue	Issue ID
Publish cartridge internally with Ivy.	FOGCASS-236
Update SMA_DB_Global to v7.2.1.10.	FOGCASS-241
Update Agent Core to v7.2.1.20.	FOGCASS-240

Enhancements and resolved issues in version 7.1.0.15

The following is a list of enhancements implemented in Foglight for Cassandra 7.1.0.15.

Enhancement/ Resolved Issue	Issue ID
Fix report templates not visible.	FOGCASS-34
Ensure namespace service is supplied with data immediately at agent startup.	FOGCASS-231
Apply hard database and table limit to streaming collections.	FOGCASS-239
Log agent property changes.	FOGCASS-233
Ensure compatibility with Cassandra 4.1.3+.	FOGCASS-219
Truncate local disc storage file on agent startup.	FOGCASS-238
Collect JMX keyspaces only once for each keyspace.	FOGCASS-230
Fix tasks constructed with incorrect data limiting setting.	FOGCASS-237
Base on Agent Core.	FOGCASS-210, FOGCASS-232

Enhancements and resolved issues in version 7.1.0.10

The following is a list of enhancements implemented in Foglight for Cassandra 7.1.0.10.

Enhancement/ Resolved Issue	Issue ID
Update java driver to v4.17.0	FOGCASS-218
Update java-uuid-generator to v4.3.0	FOGCASS-218
Update javassist to 3.29.2-GA	FOGCASS-218
Update guava to 32.1.2-jre	FOGCASS-218
Update min host version to 7.1.0	FOGCASS-224
Create a lifecycle script to delete old rules	FOGCASS-217
Produce correctly escaped JSON error messages during discover	FOGCASS-223
Remove left panel navigation items accesible through nav bar	FOGCASS-213
Absolutely limit number of tables collected	FOGCASS-196
Update SMA_DB_Global cartridge to v7.1.0.10	FOGCASS-221
Update DB_Global_View_UI cartridge to v7.1.0.10	FOGCASS-222

Enhancements and resolved issues in version 6.3.0.11

The following is a list of enhancements implemented in Foglight for Cassandra 6.3.0.11.

Enhancement/ Resolved Issue	Issue ID
Updated SMA_DB_Global cartridge to v6.3.0.11.	FOGCASS-209

Enhancements and resolved issues in version 6.3.0.10

The following is a list of enhancements implemented in Foglight for Cassandra 6.3.0.10.

Enhancement/ Resolved Issue	Issue ID
Set limited table collection default period to one day.	FOGCASS-205
Highlighted current nav bar entry.	FOGCASS-200
Updated SMA_DB_Global cartridge to v6.3.0.10.	FOGCASS-206
Updated DB_Global_View_UI cartridge to v6.3.0.10.	FOGCASS-207

Enhancements and resolved issues in version 6.1.0.15

The following is a list of enhancements implemented in Foglight for Cassandra 6.1.0.10.

Enhancement/ Resolved Issue	Issue ID
Added cluster alias to agent properties.	FOGCASS-197
Updated min host version 6.0.0.	FOGCASS-199

Enhancements and resolved issues in version 6.1.0.13

The following is a list of enhancements implemented in Foglight for Cassandra 6.1.0.13.

Enhancement/ Resolved Issue	Issue ID
Fix host aliases not copied correctly within agent.	FOGCASS-194

Enhancements and resolved issues in version 6.1.0.10

The following is a list of enhancements implemented in Foglight for Cassandra 6.1.0.10.

Enhancement/ Resolved Issue	Issue ID
Ensured compatibility with Foglight 6.1.0.	FOGCASS-193
Updated SMA_DB_Global cartridge to v6.1.0.10.	FOGCASS-192

Enhancements and resolved issues in version 6.0.1

The following is a list of enhancements implemented in Foglight for Cassandra 6.0.1.

Enhancement/ Resolved Issue	Issue ID
Convert collection interval ASPs to secondary ASPs.	FOGCASS-188
Global Search Annotation implemented.	FOGCASS-179
Fix non-numerical version string parsing and comparison.	FOGCASS-190
Updated SMA_DB_Global cartridge to v6.0.1.	FOGCASS-189

Enhancements and resolved issues in version 6.0.0.10

The following is a list of enhancements implemented in Foglight for Cassandra 6.0.0.10

Enhancement/ Resolved Issue	Issue ID
Fixed NPE in trace collection.	FOGCASS-181
Rule categorization implemented.	FOGCASS-177
Existing rules integrated with new alarm templates dashboard.	FOGCASS-186
Updated DB_Global_View_UI cartridge to v6.0.0.10.	FOGCASS-185
Updated SMA_DB_Global cartridge to v6.0.0.10.	FOGCASS-185

Known issues

The following is a list of issues known to exist at the time of release.

Known Issue	Issue ID
New nodes in cluster must be added to agent properties manually.	FOGCASS-128
Node availability collection timeout not configurable.	FOGCASS-81
Agent requires username and password even when Cassandra configuration does not.	FOGCASS-42
Host aliases not applied to addresses in node connection dashboard.	FOGCASS-136

System requirements

Before installing Foglight for Cassandra, ensure that your system meets the following minimum hardware and software requirements detailed in *Foglight System Requirements and Platform Support Guide*.

Customers running large deployments (that is, with more than 20 agents) should consult the *Foglight for Databases Deployment Guide*.

Required privileges

For information on the required privileges, refer to the *Foglight for Cassandra Cartridge Guide*.

Product licensing

Foglight includes a licensing capability that restricts access to those features that are defined in the license. Any Management Server installation requires a license that grants access to server-specific parts of the browser interface and the features associated with them. Foglight cartridges are also license-protected. While some cartridges are covered by the base Foglight license (such as Foglight Agent Manager cartridges and the Foglight for Infrastructure), others may require an additional license.

Foglight for Cassandra is covered by the base Foglight license that allows cartridges to be installed.

To activate a trial or a purchased commercial license:

- 1 On the navigation panel, under Dashboards, click *Administration > Setup > Manage Licenses*.
- 2 Click **Install**.
- 3 In the **Install License** dialog box, click **Browse**.
- 4 In the file browser that appears, specify the location of the license file.
- 5 In the **Install License** dialog box, click **Install License**.

Getting started with Foglight for Cassandra

Contents of the release package

The Foglight for Cassandra 6.3.0.11 release package contains the following:

- Foglight for Cassandra cartridge:
 - *CassandraAgent-6_3_0_11.car*
- Product documentation, including:
 - *Foglight for Cassandra Cartridge Guide* (PDF)
 - *Foglight for Databases Deployment Guide* (PDF)
 - *Foglight for Cassandra Server Release Notes* (this document)

Installation instructions

For installation pre-requisites, permissions, information necessary to determine your environment's hardware requirements, and for installation instructions, see the *Foglight for Cassandra Cartridge Guide*.

More resources

Additional information is available from the following:

- Online product documentation (<https://support.quest.com/technical-documents#F>)
- Foglight Community (<https://www.quest.com/community/products/foglight/>)

Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release was not enabled and tested for international operation. Only U.S. English configurations of this product and U.S. English datasets are fully supported. Support for non-ASCII characters or non-English configurations may work appropriately, but these configurations have not been tested and this release should be used with caution in these environments.

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- Submit and manage a Service Request.
- View Knowledge Base articles.
- Sign up for product notifications.
- Download software and technical documentation.
- View how-to-videos.
- Engage in community discussions.
- Chat with support engineers online.
- View services to assist you with your product.

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