# Foglight ® for MongoDB 6.0.1

**Release Notes**

**Developed and tested for Foglight Management Server 6.0.0**

September 2021

These release notes provide information about the Foglight ® for MongoDB 6.0.1 release.

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## Welcome to Foglight for MongoDB

Foglight for MongoDB© is designed to provide enterprises with a powerful tool that can act standalone or as part of broader cross-platform database monitoring requirements. To support enterprise performance Foglight for MongoDB© will support the monitoring of key functions including the MongoDB Server, Collections, Memory, Replication, Profiled Operations and Storage Engine. As with all Foglight solutions, Foglight for MongoDB© will run as a native Foglight process leveraging the Foglight Agent Manager (FglAM) for communications with the agent. Foglight for MongoDB can be run locally (Agent on the Host) or remotely (Agent on FMS or Proxy Server). The solution will leverage the Foglight Rules Engine providing the ability to evaluate and alert on potential issues before they significantly affect performance and availability.

These Release Notes cover the resolved issues, known issues, workarounds and other important information about 6.0.0 release of Foglight for MongoDB. Review all sections before starting installation.

Foglight for MongoDB 6.0.1 is a minor release with enhancements. See [New in this release](#_New_in_this) and [Enhancements](#_Enhancements).

## Enhancements

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

**Table 1. General enhancements**

|  |  |
| --- | --- |
| Enhancement | Issue ID |
| Converted collection interval ASPs to secondary ASPs. | FOGMONGO-292 |
| Collect full profiled operation command. | FOGMONGO-294 |
| Sort, limit, and allow/deny list implemented for profiled operation collections. | FOGMONGO-261 |
| Profiled ops buffer entries stored in single buffer per instance. | FOGMONGO-293 |
| Eliminated the word 'error' from non-ERROR level log messages. | FOGMONGO-295 |
| Updated SMA\_DB\_Global cartridge to v6.0.1. | FOGMONGO-296 |

## Enhancements and resolved issues in version 6.0.0.15

The following is a list of issues addressed in version 6.0.0.15.

**Table 3. Enhancements and resolved issues**

|  |  |
| --- | --- |
| Enhancement/Resolved Issue |  |
| Total execution time added to profiled ops historical aggregates table | FOGMONGO-288 |
| Process JSON format logs for MongoDB v4.4+ | FOGMONGO-248 |
| Add metric chart(s) to Profiled Ops Live Buffer view | FOGMONGO-255 |
| Link profiled operations aggregate table to buffer view bidirectionally | FOGMONGO-260 |
| Switch for aggregate or buffer profiled ops data not available | FOGMONGO-47 |
| Profiling data not available for mongos | FOGMONGO-47 |
| When switching servers, only load RMI data when on Profiled Ops dashboard | FOGMONGO-250 |
| Log if max number of profiled databases has been reached | FOGMONGO-261 |
| Limit the number of databases for which to collect profiling data | FOGMONGO-287 |
| Add query hash to groupable properties for profiled ops live buffer | FOGMONGO-286 |
| Set upper limit on agent property ProfiledOpsBufferBytes | FOGMONGO-253 |
| Don't schedule log collection if "Max entries to retrieve" is zero | FOGMONGO-252 |
| Log at INFO when log collection isn't being scheduled | FOGMONGO-285 |
| Sort profiled ops "other groups" by duration by default | FOGMONGO-284 |
| Update report "MongoDB Top Profiled Ops" for updated aggregation properties | FOGMONGO-241 |
| Fix flakey profiled ops aggregate charts | FOGMONGO-265 |

## Known issues

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

**Table 5. Cartridge-related issues**

|  |  |
| --- | --- |
| Known Issue | Issue ID |
| Agent creation wizard is unavailable for MongoDB versions before 3.0. | FOGMONGO-258 |
| Old version MongoDB replica sets may not be visible in Databases dashboard. | FOGMONGO-259 |
| Hosts not aliased for entries in Replica Member table. | FOGMONGO-164 |
| Agent requires username and password even when MongoDB configuration does not. | FOGMONGO-172 |
| Workload metric unset on replica set. | FOGMONGO-200 |
| Amazon DocumentDB monitoring not supported. | FOGMONGO-215 |

## System requirements

Before installing Foglight for MongoDB, 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 MongoDB 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 MongoDB 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** **MongoDB**

### Contents of the release package

The Foglight for MongoDB 6.0.1 release package contains the following:

* Foglight for MongoDB cartridge:

***▪*** *MongoDBAgent-6\_0\_1.car*

* Product documentation, including:

**▪** *Foglight for MongoDB Cartridge Guide* (PDF)

**▪** *Foglight for Databases Deployment Guide* (PDF)

**▪** *Foglight for MongoDB 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 MongoDB 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/](https://www.quest.com/community/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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### Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at [https://support.quest.com](https://support.quest.com/).

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

* 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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