



Fuse Management Central

Release Notes

Version 1.6.1



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Fuse Management Central 1.6.1

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1. Introduction

These Release Notes provide an overview of Fuse Management Central version 1.6.1 including new features, delivery information, and supported platforms. It is recommended that you read these release notes in conjunction with the documentation included with the software package. If any conflicts exist, the Release Notes supersede the other documentation.

1.1. Document Revision History

Revision Number	Modification Date	Section Modified	Modifications
1.0	2023-12-21	All	Initial version

2. About Fuse Management Central

This section provides an overview of Fuse Management Central version 1.6.1.

Fuse Management Central is a centralized web administration console for OpenText™ solutions, providing to Self-Managed Customers or Managed Service Providers a Unified Management Experience. With Fuse Management Central intuitive user interface simplified deployment, OpenText™ system administrators can now interact directly from a system component, maintaining the context and understanding of it, with the option to schedule any action.

Fuse Management Central also separates system administration from content administration, introducing a new layer of security on top of the traditional OpenText™ administration tools.

2.1. What's New in Release 1.6.1

Fuse Management Central 1.6.1 includes the following innovations:

- OpenText Content Server:
 - "Re-index Quarantined Items" action added to System Object Volume
 - "Delete All Task Errors" action added to Distributed Agent
 - Added new "Threads" alerts
 - Added new "Agents" alerts
 - Added new opentext.ini "Loader" alerts
 - Added new System Object Volume - Search Network Health alert
 - Improved System Object Volume - Search Federator alert
 - Added support for OpenText Content Server 23.1
 - Added support for OpenText Content Server 23.2
- OpenText Archive Center:
 - Added option for custom trust store to Fuse Management Client
- Service Report:
 - Added disk usage metrics by system
 - Added CPU and memory metrics by system
 - Added OpenText Content Server thread metrics by system
 - Added OpenText Content Server queue table metrics by queue table
- Multiple performance refactors and improvements.
- Several UI/UX improvements.

2.2. General Data Protection Regulation (GDPR) Compliance

The General Data Protection Regulation (GDPR) is a European Union (EU) law that gives residents greater protection and control of their personal data. It regulates the data companies inside and outside the EU can collect, store, and transfer – as well as how they use it. All companies that process EU resident data must comply with GDPR, starting on May 25, 2018.

GDPR defines the following rights for the EU citizens:

- Right to be informed
- Right of access
- Right to rectification
- Right to object
- Right to erasure ("the right to be forgotten")
- Right to data portability
- Right to restrict processing
- Rights regarding automated decision-making and/or profiling

Companies use Fuse Management Central products to monitor and manage their OpenText™ systems performance and quality of services which, by default, don't track personal data.

For these reasons, Fuse Management Central is and must be GDPR compliant.

3. Packaging and Delivery Information

3.1. Software

Fuse Management Central is delivered with the following software packages:

- **Fuse Management Central**
- **Fuse Management Client for OpenText Content Server**
- **Fuse Management Client for OpenText Archive Center**

3.1.1. Software Versions and Compatibility

The following table lists Fuse Management Central software version compatibility matrix:

Fuse Management Central Version	Fuse Management Client Version
1.6.1	1.6.1

3.2. Documentation

Fuse Management Central documentation includes:

- **Fuse Management Central 1.6.1 - Installation and Administration Guide**
- **Fuse Management Central 1.6.1 - User Guide**
- **Fuse Management Central 1.6.1 - Release Notes**

4. Supported Environments and Compatibility

This section provides details about supported platforms, systems, and versions for both Fuse Management Central and Fuse Management Client.

4.1. Server Platform Support

Operating System Support

The following chart describes the server Operating System supported by Fuse Management Central host.

Fuse Management Central Version	Host Operating System
1.6.1	<ul style="list-style-type: none">• Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit• Red Hat Enterprise Linux 7.x• Oracle Linux 7.x

Docker Support

To install Fuse Management Central Docker and Docker Compose are required:

Fuse Management Central Version	Host Operating System
1.6.1	<ul style="list-style-type: none">• Docker Engine 18.06.0 or higher• Docker compose 1.25 or higher

4.2. Java Support

The following chart describes the version of Java that is required for Fuse Management Central.

It is highly recommended that you use the associated Java and Fuse Management Central versions listed below as our testing is focused on these combinations.

Fuse Management Central Version	Java Version
1.6.1	<ul style="list-style-type: none"> • Adoptium Eclipse Temurin JDK 8 or higher • Oracle JDK 8 or higher



Free long term support (LTS) versions of JDK are provided by [Adoptium Eclipse Temurin](#) and [Oracle](#). We recommend you install a long term support version to use with Fuse Management Central.

4.3. Client Browser Support

Fuse Management Central web usage is supported on the following browsers on their latest versions:

Fuse Management Central Version	Chrome	Edge	Internet Explorer	Firefox	Safari
1.6.1	✓	✓	--	✓	✓



Fuse Management Central web application requires a screen resolution set at a minimum of **1280x720**.

4.4. OpenText™ Directory Services Support

Fuse Management Central can integrate with OpenText™ Directory Services.

The following table contains the Fuse Management compatibility matrix.

Fuse Management	System Application Release
1.6.1	OpenText™ Directory Services 16.6
	OpenText™ Directory Services 20.4
	OpenText™ Directory Services 21.3
	OpenText™ Directory Services 22.1
	OpenText™ Directory Services 22.2
	OpenText™ Directory Services 22.3
	OpenText™ Directory Services 22.4
	OpenText™ Directory Services CE 23.1

4.5. Hardware Requirements

This section provides details about Fuse Management Central hardware requirements:

Processor	<ul style="list-style-type: none"> • Minimum: 4 CPU @ 2GHz • Recommended: 8 CPU @ 2GHz
Memory	<ul style="list-style-type: none"> • Minimum: 8GB • Recommended: 16GB
Disk Space	<ul style="list-style-type: none"> • Minimum: 50GB • Recommended: 100GB



Disk space consumption has an estimated growth rate around 0.1GB/day/system and this data is kept for 31 days by default, for long term metrics.

4.6. Fuse Management Client

4.6.1. OpenText™ Content Server Support

Fuse Management Client must be installed on each managed system.

To support multiple OpenText™ Content Server versions, a specific client version is released for each system application version.

The following table contains the client compatibility matrix for each system application.

Fuse Management Client for OpenText Content Server Version	System Application Release
1.6.1	OpenText™ Content Server 16.2.4
	OpenText™ Content Server 16.2.5
	OpenText™ Content Server 16.2.6
	OpenText™ Content Server 16.2.7
	OpenText™ Content Server 16.2.8
	OpenText™ Content Server 16.2.9
	OpenText™ Content Server 16.2.10
	OpenText™ Content Server 16.2.11
	OpenText™ Content Server 20.2
	OpenText™ Content Server 20.3
	OpenText™ Content Server 20.4
	OpenText™ Content Server 21.1
	OpenText™ Content Server 21.2
	OpenText™ Content Server 21.3
	OpenText™ Content Server 21.4
	OpenText™ Content Server 22.1
	OpenText™ Content Server 22.2
	OpenText™ Content Server 22.3
	OpenText™ Content Server 22.4
	OpenText™ Content Server 23.1
OpenText™ Content Server 23.2	

4.6.2. OpenText™ Archive Center Support

Fuse Management Client must be installed on each managed system. To support multiple OpenText™ Archive Center versions, a specific client version is released for each system application version.

The following table contains the client compatibility matrix for each system application.

Fuse Management Client for OpenText Archive Center Version	System Application Release
1.6.1	OpenText™ Archive Server 10.5
	OpenText™ Archive Center 16.2.0
	OpenText™ Archive Center 16.2.2
	OpenText™ Archive Center 20.2
	OpenText™ Archive Center 21.2
	OpenText™ Archive Center 22.3
	OpenText™ Archive Center 22.4
	OpenText™ Archive Center 23.1
	OpenText™ Archive Center 23.2

4.7. Language Support

Fuse Management Central is currently localized in the following languages. Additional languages may be available in future releases.

Fuse Management Central Version	Languages						
	EN	DE	JA	FR	IT	PT	ES
1.6.1	✓	--	--	--	--	--	--

5. Upgrade Notes

If there is already a version of Fuse Management Central installed, it is possible to upgrade it to version 1.6.1.



When planning the Fuse Management Central upgrade, please carefully review all upgrade steps outlined in the installation and administration document!



Please have in consideration the following known issues:

- [known issue with JVM error in OTCS 23.x](#)
- [known issue with OTCS Service Report](#)
- [known issue with Fuse Management Central data](#)

For upgrade instructions please refer to the Fuse Management Central Installation and Administration Guide.

6. Fixed Issues and Enhancements

Fuse Management Central 1.6.1 includes the following fixed issues and enhancements:

- 3183 - OTCS Fuse Management Client logs settings reset after the upgrade
- 3187 - OTCS > Queue Tables > Adjust "Queue Table Objects Warning" Alert Title and Description
- 3209 - Cannot delete dismissed alert rule
- 3232 - Review the manual schedule of Health services
- 3238 - Tooltip of a row is displayed at the top left corner of the webpage
- 3239 - OTCS > Processes > Agents > Change VerifyAgent Alert Details
- 3243 - The Environment details header gets unformatted when an operation is running in the background at lower resolutions
- 3244 - When scrolling down, the Running Operation label/action button is bigger than the others on the row and therefore it gets unaligned & uneven
- 3254 - The metric "spstatus" does not return the property "canWrite" in case of writing failure
- 3257 - Time Machine sticky header is unformatted when scrolling down
- 3261 - The input of "Min Duration" on the alert "Threads Usage" disappeared when switched to 0 and updated
- 3263 - Environment > Overview > Add alerts popover
- 3264 - The Overview counter on the Operations page is pushed by the sticky header element when scrolling down
- 3275 - Alert "Agent Scheduled Next Run Failed" false positive
- 3276 - OTAC Client SoapClient is using hardcoded RestTemplate
- 3296 - Fuse Administration > Alert Manager > Fuse Management Client Alert Type
- 3297 - Alert "Pool free space error" is not being triggered
- Other minor issues...

7. Known Issues

7.1. "Could not find the class definition" llserverworker JVM error

Occasionally, only in **OpenText Content Server version 23.x**, there is a rare issue when restarting OpenText Content Server via Fuse Management Central. This triggers a soft restart, but sometimes the Fuse Management Client fails to load properly due to the incorrect loading of the required Java libraries (.jar). Currently, the workaround for this issue is to manually restart the OTCS service, forcing the reload of all the Java libraries and resolving the problem.

Based on our investigations, it appears that this behavior is related to the internal restart process of OpenText Content Server 23.x and is beyond the control of our module. We are actively analyzing this behavior and investigating the issue under the **OT Ticket CS0150019 - OTCS 23.1 and 23.2 - llserverworker JVM 'could not find the class definition' error**.

7.2. No Service Report past metric data after upgrading

Due to changes to the Service Report functionality on Fuse Management Central version 1.5.1, updating the calculation formulas was necessary to fulfill several roadmap requirements. These formulas are pre-computed, which means they calculate data based on previous metrics in real time. As a result, if you are upgrading from Fuse Management Central version 1.5.0 or below, none of the past metric data will be available for the Service Report.

After the upgrade, new system metric data will need to be collected, computed and stored before being available to the Service Report.

7.3. No Fuse Management Central data after upgrading

With Fuse Management Central version upgrade, the PostgreSQL has also been updated, delivering all the improvements and fixed security vulnerabilities that the latest version offers. If you choose to upgrade without following all the steps outlined in the Fuse Management Central Installation and Administration Guide, especially the step describing the need to make a dump of the database and restore it after the upgrade, all data stored in Fuse Management Central will be lost.

It is imperative to make backup copies of your data through the database dump process, as there are no other solutions to this issue.