

IBM Enterprise Content Management System Monitor

Release Notes[®]



IBM Enterprise Content Management System Monitor

Version 5.8.0

Release Notes

SC27-9243-09

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This document contains the important notes and hints for the release.

Carefully read the complete document before starting the actual update process.

Preface

About this document

This document is written as plain text document and provided as html / pdf. The newest ESM related documents can be found in the help section of the console.

Who should read this guide?

The target audience for this guide are those who install or maintain ESM environments.

Every effort has been made to provide you with complete installation instructions. If information becomes available after the creation of the installation media from which you accessed this guide, we will provide an updated version of the guide on the IBM Customer Service and Support web site (<https://www.ibm.com/support>). As a general rule, you should refer to the IBM web site to obtain the current version of this guide.

This guide provides instructions for installing and/or upgrading IBM Enterprise Content Management System Monitor, and identifies the IBM/FileNet and 3rd Party products that are certified for the current release. Be aware that each release of IBM Enterprise Content Management System Monitor may have multiple Interim Fixes, or Fix Packs available for installation, each with potentially different dependencies and installation requirements. Therefore, before you attempt to install or upgrade IBM Enterprise Content Management System Monitor, review the list of releases and their associated dependencies on the IBM Support web site (<https://www.ibm.com/support>).

Before you start

Users of the guide should have knowledge about Unix and/or Microsoft Windows® operating system, web servers, database systems and middleware platforms. The configuration of managed systems (clients) requires advanced knowledge of all IBM ECM systems that should be monitored.

You should read the Upgrade Notes section below!

If you lack the requisite skill sets it is strongly recommended to have IBM Lab Services or a certified ValueNet Partner in order to install this product.

TIP

For tips and tricks regarding the configuration and maintenance of IBM Enterprise Content Management System Monitor please check the CENIT Field Guides at [IBM ESM Field Guides](#).

The PDFs of the eGA documentation can be found on the [IBM support pages](#). In the installed product you will always find the newest documentation.

Feedback on documentation

Send your comments by e-mail to comments@us.ibm.com. Be sure to include the name of the product, the version number of the product, and the name and part number of the book (if applicable). If you are commenting on specific text, include the location of the text (for example, a chapter and section title, a table number, a page number, or a help topic title)

News and Noteworthy

For all changes and details please see the Release Notes for 5.8.0.

New Features, Probes, and Fixes in ESM 5.8.0.0-000

- **Operating UI**
Configuration enhancements - easy to configure monitoring with new Subsystem Editor
Enhanced Probe Editor"
New functionality to update all outdated Agents directly from the Operating UI
- **AI Integration**
New AI based incidents analysis using LLMs via OpenAI API
- **Monitoring**
Extended monitoring of Content Cortex/FileNet components and addons: GraphQL,
OpenSearch/Elasticsearch, IBM MQ
Extended BAW monitoring: Process counts, performance metrics
Monitoring of Kubernetes Pod Status

Security

Update of integrated IBM Java 21
Update of Apache Karaf
New base image UBI10-minimal used for Docker images

Stability and Data Integrity

Self-protection: If too many entries are written to monitored log files within an extremely short period of time, monitoring may ignore these entries.

Virus Scanners

We strongly advise to exclude the karaf folder of the server from virus scans and from access by other external programs that potentially can lead to file locks. This can lead to database corruption.

Version Enhancements and Changes

5.8.0.0

Call #	IBM APAR #	Type	Description
22926	-	Enh	Cumulative security update of Netty.
22906	-	Fix	A user could try to trigger an update of an agent deployed in a Kubernetes or OpenShift cluster via the web-UI. This is now fixed and the web-UI does not allow this anymore. In a Docker/Podman deployment this already was not possible.
22836	-	Enh	BasicAuth is now only supported for the Grafana connection. The admin password can no longer be changed for Docker at start-up. It has to be changed via the web UI.
22797	-	Enh	Cumulative security update of the IBM JRE shipped with the product. The list of fixes included can be found on the IBM website Semeru Runtimes fixes, version 21[https://www.ibm.com/support/pages/semeru-runtimes-fixes-version-21]
22794	-	Enh	Cumulative security fixes of third party libraries shipped with the product.
22631	-	Enh	AI based analyzation of incidents to get a better understanding of monitoring results and to get resolution proposals. This feature supports the OpenAI interface to access different AI models.
22594	-	Enh	The Server component no longer supports IBM AIX as a platform for its installation.
22533	-	Fix	Circular dependencies are no longer possible for environment subsystems.
20827	-	Enh	New set of probes to monitor OpenSearch/ElasticSearch.

Introduced in ESM 5.8.0.0

- Cumulative security update of Netty.
- BasicAuth is now only supported for the Grafana connection. The admin password can no longer be changed for Docker at start-up. It has to be changed via the web UI.
- Cumulative security update of the IBM JRE shipped with the product.

The list of fixes included can be found on the IBM website Semeru Runtimes fixes, version 21 [<https://www.ibm.com/support/pages/semeru-runtimes-fixes-version-21>]

- Cumulative security fixes of third party libraries shipped with the product.
- AI based analyzation of incidents to get a better understanding of monitoring results and to get resolution proposals. This feature supports the OpenAI interface to access different AI models.
- The Server component no longer supports IBM AIX as a platform for its installation.
- New set of probes to monitor OpenSearch/ElasticSearch.

Known Limitations

Call #	IBM APAR #	Description
22955	-	System Editor: Close Button Navigates Back Instead Of Out The close/cancel button in the subsystem editor navigates back instead of closing the editor after the list of subsystems has been filtered while the editor was open. Solution No workaround exists.
22949	-	Inconsistency in severity highlighting in probes list It was reported a logfile probe entry in the list of probes in the Probe view was not highlighted with the correct severity color although the correct severity was shown in the Systems view for the related subsystem. Solution Wait and refresh/reload the page.
22948	-	Usability inconveniences when copying a subsystem in the new UI When copying a subsystem in the new UI, the newly created subsystem is prefixed with "Copy of". But it should have the suffix "- Copy" instead. The new subsystem is also not marked in the tree and therefore its details are not shown without selecting it. Solution Currently no workaround exists.
22936	-	Save button not immediately active when creating a new subsystem hierarchy We have seen the save button of the subsystem editor (Angular UI) sometimes stays grayed-out (disabled) although saving should be possible. Solution Click onto an empty space outside of the editor and then click into the editor again. This should enable the save button. Be careful not to click on active elements like other subsystems or the sidebar menu entries.
22834	-	RuntimeException at start-up stating a Service factory exception The exception is caused by 3rd-party dependencies. This is reported as issue 2637 in the issue tracker of Apache Karaf. Solution None

Call #	IBM APAR #	Description
22781	-	UI can become unresponsive It is possible the web-UI will become unresponsive when clicking on any clickable item (button, menu entry, view selector, ...). Solution Wait a while (it's not possible to give a specific time) or close the tab and open it again. You can copy the URL to pick up exactly where you left off.
22388	-	Log contains entry about failing Pax Web server With active HTTPS the log contains an entry starting with Unable to start Pax Web server: Multiple exceptions. The reason is a bug in the version of Pax Web currently used in the product. The web server is not affected by this and will work as expected. So you can safely ignore this message. Solution There is no need for a workaround, see above.
20682	-	RuntimeException at start-up stating an invalid CEN header The exception is caused by 3rd-party dependencies. This is reported as ARIES-2124 in the issue tracker fo Apache Aries. Solution None
20328	-	Be careful editing tag names with backspace Scenario: There exist two tags 'Subsystem:CPE' and 'Subsystem:CPE557'. Start adding the tag 'Subsystem:CPE557' to e.g. a situation group. Do not save the tag immediately but remove the '557' at the end of the tag's name with the backspace key. Then save this tag. It will be named 'Subsystem:CPE'. The issue is, this is a new tag and not the already existing one named alike. Solution No workaround, but two tips: Always click on the items in the tag list if you want one of the existing tags to be used. Avoid creating tags that are created by the system itself e.g., Subsystem:<foo> or Agent:<bar>.
20173	-	Duplicating situation group can lead to empty list of situations in Firefox Select an existing situation group and duplicate it. It is possible the list of situation groups will then be empty. Do not be afraid, none of the situation groups was deleted. They all still exist. This issue is a timing problem of the Dojo UI running in Firefox. Solution Press F5 or Ctrl-R to refresh the page or use a different supported browser.

Call #	IBM APAR #	Description
17976	-	HTTP ERROR 404 Not Found for 'Servlet -' Sometimes we have seen the web UI does not start right after the installation. Instead the error "HTTP ERROR 404 Not Found" for "SERVLET: -" is presented in the browser. We suspect timing problems in the start-up process in some environments. Solution In most cases the web UI will start after some time and the message is replaced by the login page, please be patient on slower systems. If this is not the case, first try to refresh the page with a cleared browser cache by pressing Ctrl-F5. If that does also not fix the problem, restart the server.
17255	-	Problem when switching to an other configuration if the current configuration was changed If a situation or subsystem configuration 'A' was opened and changed but not saved and then a different situation or subsystem 'B' is double clicked to open that configuration instead and the changes of the first configuration 'A' are discarded, the configuration of the other situation or subsystem 'B' is not shown. Solution Trigger a re-rendering, e.g. by toggling one of the sidebars or resize the window.
16037	-	Column header missing in newly added list portlet After adding a new list portlet to a dashboard, the column headers are missing. Solution Move the portlet. After the redraw, the column headers are visible.
14840	-	Issues in the details / history view of a portlet The following issues exist in the details aka history view for incidents: * The details section can obscure the selected incident, if the incident is in the lower part of the list. * The details section in the view is not hidden again, when simply selecting the entry for which the details are shown, again. This is not a limitation, but a necessary change, because of the implementation of the multi-select feature. Solution The details part can be hidden again by selecting a second entry (multi-select) or by holding down the Ctrl-key when selecting the selected incident. To see the selected incident that was obscured by the details view, one can scroll the incident list section upwards.

Call #	IBM APAR #	Description
14827	-	Some limitations concerning accessibility keyboard short cuts and the Angular UI ALT-S does not work in the editors to save the content; see. workaround below. In Mozilla Firefox SHIFT-F8 does not highlight/select the drop-down list in the probe configuration editor. Currently the new Angular UI is not accessibility compliant. Solution Move the focus to the GUI-element (button, drop-down list, ...) and press enter or cursor down to trigger the desired functionality. For the Angular UI the workaround is to use the Dojo based UI.

Upgrade Notes

NOTE

Read the Installation Guide prior to an update.

With every major or modification release it is very likely older version of operating systems and middleware will no longer be supported. So do not forget to read the section about the supported platforms and middleware.

NOTE

If you are updating an agent via the ESM web-UI, under rare conditions it is possible an already existing `<agent-installation-directory>/update` directory causes issues that will prevent the update to proceed. If so, please delete that `update` directory and try again.

Appendix A: Copyright notice

IBM Enterprise Content Management System Monitor

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