IBM Enterprise Content Management System Monitor

Release Notes®

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IBM Enterprise Content Management System Monitor
Version 5.7.0

Release Notes

SC27-9243-08

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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

New Features, Probes, and Fixes in ESM 5.7.0.0-000

- **Update to IBM Java 21**
  The integrated JRE is now IBM Java 21 Semeru Open Edition

- **Operating UI**
  Probe editor now completely available in UI
  Scalable charts for monitoring data (time line)
  Changes and fixes for better usability of the new UI

- **Monitoring**
  Additional functional probes for Datacap performance and capacity metrics
  Enhancements for CMOD monitoring
  New Native JMX probe
  Logfile probe reports status of logfile monitoring (self check)

- For all changes and details please see the Release Notes for this release.

- If you are updating from 5.6 prior to interims fix 4 please read the Readmes for the interim fixes to see all changes.

Security

- **Cumulative security update**
  Upgrades of many core components to include the latest security fixes available at the time of the creation of this version.

- **Major upgrade of FIPS provider**

- **Enhancements**
  Avoid internal information disclosure by stack traces in log files
  REST resources removed that are no longer needed to be exposed
  HTTP status codes are now as neutral as possible
  Security settings (HTTP header and cookies) improved

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.

Microsoft Windows Server Core

Starting with version 5.5.11.0 ESM does support an installation on Microsoft Windows Server Core for the server and the agent component.

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Version Enhancements and Changes

5.7.0.0

Call #	IBM APAR #	Type	Description
22137	-	Enh	Security update to fix GHSA-wxr5-93ph-8wr9, CVE-2025-48734.
22129	-	Fix	The situation name used in a new condition in the automation tab did not show the correct situation at first. Saving the automation and reopening it then showed the expected situation in the new condition. The expected situation was always used in the automation. So this was only an issue in the UI. This issue is now fixed.
22118	-	Fix	Sorting logfile incidents by "Last Update" in the incidents list in the new UI did not work. This is now fixed.
22039	-	Enh	From the new UI it is now possible to add an agent to the system. That agent serves as a stub to ease the configuration process. If later on a real agent with the same name connects to the server the configurations made will be automatically deployed to that agent.
22027	-	Enh	The logfile probe will now create status samples if a logfile was found, was not found or does no longer exist.
22026	-	Enh	The ObjectStoreDocumentUploadPerformance probe has a new "Wait Before Deletion" parameter that allows to specify an optional interval before the uploaded document is deleted.
22012	-	Enh	The ContentNavigator subsystem now allows nested subsystems of types Database, Logfile, Listener and JMX.
21988	-	Enh	A new probe DatabaseActiveQueryCount has been added. It can be used to identify long-running database queries.
21947	-	Enh	Objectstore specific credentials supported. In Objectstore probe configurations it is now possible to provide (optional) credentials which will override the credentials set in the associatated CPE URL subsystem.
21944	-	Enh	New UI: The legend in the example chart can now be shown or hidden. The time period displayed can now also be configured.
21887	-	Enh	A new probe DatacapBatchesProcessedCount has been added.
21886	-	Enh	A new probe DatacapDocumentsProcessedCount has been added.
21874	-	Enh	New document "Best Practices" in the help area. This document is also directly accessible via the "Status" view. It describes the most common and basic steps to utilize the potential of the system monitor.

Call #	IBM APAR #	Type	Description
21860	-	Enh	There is now a button to create a duplicate of an existing probe from the new UI. The copy is directly opened in the editor to make alterations.
21767	-	Enh	Usability enhancements concerning the tree of subsystems: Marker for subsystems that are affected by an active maintenance rule. Expanded subsystem subtrees are only collapsed when filtering the subsystems without a match or resetting the filter.
21764	-	Enh	New button to remove an agent. An agent can only be removed if no probes are assigned to that agent.
21753	-	Fix	New UI: The subsystem details view was not always immediately updated when the selected subsystem was changed.
21732	-	Fix	Minor layout fix: Button sizes in new UI standardized.
21662	-	Enh	A new probe DatacapPagesProcessedCount has been added.
21614	-	Enh	Security enhancement: Internal information (stack trace) no longer shown in user-facing error messages.
21613	-	Enh	Cumulative fix for a collection of small low severity security issues.
21573	-	Fix	If a locked user was unlocked a 400 'bad request' error was shown in the UI. The user was unlocked but the error should not be raised, This is now fixed.
21538	-	Enh	More intuitive rules for automatically closing the details area in the overview.
21527	-	Enh	The editor of the mail export task now properly supports mulit-line text input for the mail's body.
21525	-	Enh	The probe ObjectstoreDocumentUploadPerformance now allows to add metadata to the document that is uploaded.
21509	-	Enh	Overall ok status is now shown if there are only harmless incidents for one all subststems instead of an empty incidents list.
21482	-	Enh	Hint to the session timeout checkbox in the user editor added to clarify the relation between that setting and the server session timeout.
21481	-	Enh	The Java included was migrated to IBM Java 21 Semeru Runtime Open Edition.
21480	-	Enh	Deleting a tag via the tag manager will remove it from all items it was assigned to.
20826	-	Enh	Creating new and editing existing probes is now possible via the new UI.
20712	-	Enh	A new probe DatacapJobDuration has been added that returns the duration of jobs with status "Job done".

Call #	IBM APAR #	Type	Description
12137	-	Enh	New probe for native JMX support. For that probe the mbeanwebapp is no longer required.

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Introduced in ESM 5.7.0.0

- Security update to fix GHSA-wxr5-93ph-8wr9, CVE-2025-48734.

- From the new UI it is now possible to add an agent to the system. That agent serves as a stub to ease the configuration process. If later on a real agent with the same name connects to the server the configurations made will be automatically deployed to that agent.

- The logfile probe will now create status samples if a logfile was found, was not found or does no longer exist.

- The ObjectStoreDocumentUploadPerformance probe has a new "Wait Before Deletion" parameter that allows to specify an optional interval before the uploaded document is deleted.

- The ContentNavigator subsystem now allows nested subsystems of types Database, Logfile, Listener and JMX.

- A new probe DatabaseActiveQueryCount has been added. It can be used to identify long-running database queries.

- Objectstore specific credentials supported. In Objectstore probe configurations it is now possible to provide (optional) credentials which will override the credentials set in the associatated CPE URL subsystem.

- New UI: The legend in the example chart can now be shown or hidden. The time period displayed can now also be configured.

- A new probe DatacapBatchesProcessedCount has been added.

- A new probe DatacapDocumentsProcessedCount has been added.

- New document "Best Practices" in the help area. This document is also directly accessible via the "Status" view. It describes the most common and basic steps to utilize the potential of the system monitor.

- There is now a button to create a duplicate of an existing probe from the new UI. The copy is directly opened in the editor to make alterations.

- Usability enhancements concerning the tree of subsystems: Marker for subsystems that are affected by an active maintenance rule. Expanded subsystem subtrees are only collapsed when filtering the subsystems without a match or resetting the filter.

- New button to remove an agent. An agent can only be removed if no probes are assigned to that agent.

- A new probe DatacapPagesProcessedCount has been added.

- Security enhancement: Internal information (stack trace) no longer shown in user-facing error messages.

- Cumulative fix for a collection of small low severity security issues.

- More intuitive rules for automatically closing the details area in the overview.

- The editor of the mail export task now properly supports mulit-line text input for the mail's body.

- The probe ObjectstoreDocumentUploadPerformance now allows to add metadata to the document that is uploaded.

- Overall ok status is now shown if there are only harmless incidents for one all substsystems instead of an empty incidents list.

- Hint to the session timeout checkbox in the user editor added to clarify the relation between that setting and the server session timeout.

- The Java included was migrated to IBM Java 21 Semeru Runtime Open Edition.

- Deleting a tag via the tag manager will remove it from all items it was assigned to.

- Creating new and editing existing probes is now possible via the new UI.

- A new probe DatacapJobDuration has been added that returns the duration of jobs with status "Job done".

- New probe for native JMX support. For that probe the mbeanwebapp is no longer required.

Known Limitations

Call #	IBM APAR #	Description
22229	-	**Installation on MS Windows Server 2025** On MS Windows Server 2025 the installer of the product fails to start, because it looks for a 32bit DLL that should be part of the installer itself but is not. The 32bit DLL is not neede, because the installer and the included JVM are all pure 64bit binaries. We will open a ticket at Revenera for this combination. At the moment we do not recommend an installation on MS Windows Server 2025. **Solution** On the commandline you must set the environment variable JAVA_TOOL_OPTIONS to '-Dos.name="Windows Server 2019"'. In a cmd e.g.: `set JAVA_TOOL_OPTIONS=-Dos.name="Windows Server 2019"`. Then start the installer right from that commandline environment. That variable setting is only necessary for the installer not the installed product. Keep in mind later updates may not be working as the uninstaller that is execute in the update process would need that setting as well.
21957	-	**Copy of subsystems with credentials leads to invalid password** Creating a copy of an existing subsystem that contains a password field in its configuration data will invalidate the password in the copy. The original subsystem is not affected at all. **Solution** Currently there is no workaround. The password must be entered after the copy was made.
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
20533	-	**Temporarily missing report name in title of report portlets** As long as there is no report data, the report portlet for a report will only show the generic title 'Reports'. **Solution** No workaround. The title will show the report's name automatically if there is data.

Call #	IBM APAR #	Description
20328	-	**Be carefull 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.
19281	-	**Newly created elements not always immediately shown in the UI** Due to technical limitations it is possible a newly created element, e.g. an SNMP server, will not immediately shown in the UI (in the example in the sidebar). **Solution** Press F5 or Ctrl-R to reload the web-UI. The new element should then be shown as expected.
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.
17953	-	**No automatic escalation of metric Incidents** The severity of Incidents with mode 'METRIC', e.g. CPU, cannot automatically be escalated. The escalation configuration will be ignored for these Incidents. The escalation works for Incidents with mode 'EVENT', e.g. logfiles. **Solution** The mode can be changed manually. We do not recommend this. But if necessary, it is possible.

Call #	IBM APAR #	Description
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.
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.
12060	-	**Keystore settings are ignored by FileNet P8 probes using the FileNet API** The settings made in keystore subsystems are ignored by the FileNet P8 API. The FileNet P8 API always uses the JRE's initial truststore that is created when the JVM boots up. That truststore is made up of the certificates stored in the file … /jre/lib/security/cacerts alone. This affects all probes using the FileNet P8 API JAR file, but not probes accessing FileNet e.g. via HTTPS or JDBC with SSL/TLS. **Solution** Import the certificates into the cacerts file of the agent's JRE below <agent install dir>/jre/lib/security/ and restart the agent afterwards.

Upgrade Notes

NOTE	Read the Installation Guide prior to an update.
	With every major or modification release it it 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

Appendix B: Notices

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