

OpenText™ Database Activity Monitoring

Software Version 24.4.0

Release Notes

opentext™

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Documentation updates

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- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
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This document is an overview of the new features and changes made to Database Activity Monitoring (DAM).

Related documentation

The following documentation available for this product:

Document Name	Description
<i>OpenText™ Database Activity Monitoring Installation Guide</i>	Explains how to install the product.
<i>OpenText™ Database Activity Monitoring Admin Guide</i>	Explains agent installation and configurations, policy writings and administrative activity options.
<i>OpenText™ Database Activity Monitoring User Guide</i>	Explains how to manage alert mechanism, reporting and general use of the product.

What's New

OpenText™ Database Activity Monitoring 24.4.0 release brings in a few new features and enhancements:

New Features

DAM Infrastructure

Added new settings for Sybase (`sybase.parse_nums`) to parse parameter values.

DAM Collector

- A new metric has been added to track the number of dropped logs. On the server side, the number of dropped messages can be viewed in the metrics on the `http://localhost:8081/metrics` page through Mapping rules as follows:

```
droppedEventCounterPerAgent_Counter{serverName="DATASKOPE-TEST4"} 1332
```

- A new representation method has been developed for large binary data that do not needed to be tracked in Dashboards or alarm rules, from a DAM perspective. Binary data parameters have been ensured to display [Binary] in the value section. This behavior can be controlled with `sanitization.enabled` parameter in the DAM Collector configuration file. It is off by default.

DAM Console

- In order to ensure that changes made in the DAM Lookup List under the DAM category are sent to the DAM Agent, a 'Commit' button has been added. With this new feature, the automatic submission process after each change on the list has been disabled, providing users with the option to manually send their modifications.
- When sending scheduled reports via email, the data used to generate the reports is classified based on the classification feature associated with the role assigned to the recipients, ensuring that users only receive reports related to documents they are authorized to access.
- Feature to display relevant log entry in the System Messages section of the Monitor page when an error occurs when sending scheduled reports via email.

Enhancements

DAM Collector

- Through the use of asynchronous techniques, DSIM performance has improved.

DAM Console

- Enhancements to make switching between the relevant lookup list item categories easier.
- Users are restricted from accessing endpoints for which they do not have assigned role permissions, and are allowed only to use endpoints for which they are authorized.
- Changes to the permissions of users making API connections via the DAM console now take effect immediately, allowing users to remove limits or permissions on their screens without having to log out and log back in based on the updated permissions.

DAM Agent

- ARM64 CPU architecture support has been added.
- Greenplum support has been added.
- MySQL 8.0.39 support has been added and prepared statements.

Deprecations

DAM Agent:

- DSIM Service DLLs and dependencies have been updated and the Watchdog Service feature has been removed with this update.
- Enterprise Linux 6 support has been deprecated since the extended support for the operating system concluded on June 1, 2024.

Installation Notes

The installation specifications and step-by-step instructions to install the OpenText™ Database Activity Monitoring are provided in the *OpenText™ Database Activity Monitoring Installation Guide* document.

Fixed Issues

DAM Agent:

- Error during the first operation after the DSIM service installation has been fixed.
Failed to initialize DSIM server: PKCS12 key store MAC invalid - wrong password or corrupted file.
- MSSQL parser fixed for SQL 2022.
- Upgraded DSIM dlls to version 24.3.0.4828 to fix High Number of Message File Creation issue in DSTAP. This upgrade ensures that message files are created in the "storage path" not exceeding 2mb in size.

DAM Collector

- Metric Server has been enhanced to provide a more comprehensive display of the current message processing status for Server Side drop cases.
- Fixed dropped event logs are not marked as 'corrupted' issue
- Fixed issue in successful (Success) and dropped (Dropped) scenarios where event log is marked as 'drop' and the drop value is correctly incremented in metrics.
- The issue of "DROP" status not being indicated in the event logs has been resolved. The logs have now been updated to include dropped events.
- The issue causing event logs to appear as 0 in Info mode and preventing the saving of message logs after reading from a corrupted or unreadable file in Debug mode has been resolved.
- The issue of failing events not being written to the dump has been resolved.
- The number of successful and failed transactions was previously indicated in the logs from the external module, but the count of dropped transactions was missing. This information has now been added to the logs.

DAM Console

- When creating a new API User or updating an existing one, the system not allows entering an Expire Date if the Expires 'On' checkbox is not selected.
- The issue causing disconnection after upgrading to DAM SQL Agent version to 24.3.x has been resolved.
- Errors occurring during the import of external records in the Mapping page due to some records having a null Unique Sequence Number (USN) value have been fixed.
- The system now prevents the creation of multiple records with the same alias when adding a new Lookup List or updating an existing one. This ensures each record is uniquely identified by an alias, preventing errors during usage.

- In cases where an email address is not defined in Notification Groups, incorrect content was being sent when reports were sent via email. This issue has been resolved, ensuring that the correct content is now being delivered.

Known problems, limitations, and workarounds

This section covers known problems, limitations, and workarounds about DAM.

DAM Collector

Issue

- The mapping drop is applied to messages processed by normal operations, i.e, server-side filtering operations, as an increase in the "failEventCounterPerAgent_Counter" value on the **Metric** page. This is a known issue where the message is "Dropped". Similarly, logs marked as 'Partial Fail' in log files are the actual logs dropped by mapping rules.

DAM Console

Issue

- On the **All Settings** page, the default value of ConvertParamsToField is set to **false**. This causes the values to appear as generic values such as param1 and param2 instead of their actual names when logged with Syslog in an **Alert rule**.

Solution

- Set the ConvertParamsToField field value to **true**

General

Limitations that are marked in release 24.3.0 are also valid for DAM 24.4.0 and does not consist newer ones.