

OpenText™ Database Activity Monitoring

Software Version 25.1.0

Installation Guide

opentext™

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Documentation updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
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Introduction

OpenText™ Database Activity Monitoring (DAM) is a security solution used to monitor and analyze database activity for potential security threats or policy violations. DAM captures events in real-time, allowing organizations to detect and respond to suspicious activities and compliance violations. With the increasing volume and complexity of data and database systems, DAM has become essential in protecting sensitive information and ensuring regulatory compliance.

This document provides information about:

- meeting installation prerequisites
- configuration settings for installation
- installing Database Activity Monitoring

Prerequisites

Before installing Database Activity Monitoring, you must make sure that you have met the following prerequisites on the machine on which the installation is performed.

This section includes:

- [Obtain OpenText™ Database Activity Monitoring software](#)
- [Database Activity Monitoring installation overview](#)

Obtain OpenText™ Database Activity Monitoring software

The latest software for OpenText™ Database Activity Monitoring DAM_25.1.0_Installation.zip can be found on OpenText Software Support Online.

Starting with Database Activity Monitoring 25.1.0, a setup script has been designed to facilitate the installation of all DAM components and compatible third-party applications.

IMPORTANT: It is recommended to contact OpenText support to make configurations changes in the script.

Database Activity Monitoring installation overview

Before you can use Database Activity Monitoring to monitor and analyze database activity, you need to install the software.

The **DSMedia** folder extracted from DAM_25.1.0_Installation.zip contains all the setup files required for installation. Installation files for **Agent** are available in the location **C:\DSMedia\agent**. To install Agent, refer to *OpenText™ Database Activity Monitoring Admin Guide*.

Installing Database Activity Monitoring must meet the necessary requirements for your machine. See, [Requirements](#).

Requirements

The following are the system requirements:

- [Supported Operating System](#)
- [Disk Partitioning](#)
- [Static IP Address Settings](#)
- [Timezone Settings](#)
- [Administrative Privileges](#)

Supported Operating System

The installation script is compatible exclusively with the following Windows Server versions:

- Windows Server 2019
- Windows Server 2022
- Windows Server 2025

Disk Partitioning

The system partition resides on Disk **C**, which serves as the primary drive for the operating system.

Partition the remaining disks according to the recommended specifications below to optimize product performance and security.

Purpose of use	Drive	Min. Disk Capacity	Min. Disk Performance
DAM Real-time Data	E: (ESDATA)	500GB	1000(MB/s)
DAM Backup Data	F: (ESBACKUP)	250GB	250(MB/s)
DAM Archive Data	S: (ESARCHIVE)	250GB	250(MB/s)
Product Configuration	G: (SQL)	50GB	250(MB/s)
Microsoft Messaging Queuing	Q (MSMQ)	50GB	1500(MB/s)

TIP: To measure disk performance, use the application C:\DSMedia\tools\DiskInfo.exe. Measurements are made in megabytes per second (MB/s).

Static IP Address Settings

Before starting the installation process, make sure that the machine running the script has a static IP address configured.

Assigning the Static IP Address

To get the IP address of the machine,

1. Open the Command Prompt, type `ipconfig`, and press **Enter**.
2. Copy the address of **IPv4 Address**.

To define IPv4 Address as a static IP address,

1. Go to **Control Panel > All Control Panel Items > Network Connections**.
2. Right click **Ethernet1** and choose **Properties**.
3. Clear **Internet Protocol Version 6 (TCP/IPv6)**.
4. Choose **Internet Protocol Version 4 (TCP/IPv4)** and click **Properties**.
5. Choose **Use the following IP address**.
6. Paste or type the following fields of the machine:
 - IP address
 - Subnet mask
 - Default gateway
7. Click **OK**.
8. Check statistics of IP using the `ping` command.

Timezone Settings

Make sure that the **Region and Time Zone Settings** of the server are configured appropriately according to your local time zone.

IMPORTANT: The timezone setting directly impacts the timestamp of DAM logs.

Setting the machine Timezone

To set the Timezone of the machine:

1. Go to **Control Panel > All Control Panel Items > Region**.
2. In the **Formats** tab, from the **Format** drop down, select English (US) or English (UK).
3. Click **Apply**.

4. In the **Administrators** tab, click **Copy settings**.
5. Select the following check boxes of **Copy your current settings to**:
 - **Welcome screen and system accounts**
 - **New user accounts**.
6. Click **OK**.
7. Go to **All settings >Time &Language**.
8. Choose the **Time Zone** as your local time zone.

Administrative Privileges

IMPORTANT: Make sure you have the administrator access to the machine where you want to install DAM, otherwise the installation script execution fails with warning

Configuration

The configuration application **ConfigEditor** handles all configuration settings required during the installation process.

1. Navigate to **C:\DSMedia\tools**.
2. Launch **ConfigEditor**.
3. Enter the required values in the following fields:
 - **Host IP address** - If the server does not have at least one static IP address configured, the **Host IP address** field is automatically set to **127.0.0.1** and this value cannot be modified.
 - **Mandatory** - These fields must be configured separately, as they may differ from installation to installation.

Field	Function	Configuration
ipaddress	Static IP Address of the main Server	Valid IP address must be provided (i.e., 192.168.1.100)
msmq.storage	Queue Storage folder path for DAM Data	Path must be provided (i.e., Q:\MSMQ\Storage)
msmq.Logs	Storage path for MSMQ logs	Path must be provided (i.e., Q:\MSMQ\Logs)
msmq.transaction	MSMQ transaction data storage path	Path must be provided (i.e., Q:\MSMQ\Transaction)
sql.username	SQL Server admin username	Default value id given a sa ad can changed
sql.password	SQL Server admin password	Provided by customer during the installation
sql.datapath	Storage path for SQL Server data	Path must be provided (i.e., G:\SQL)
sql.logpath	Storage path for SQL Server log data	Path must be provided (i.e., G:\SQL)

sql.historypath	Storage path for SQL Server historical records	Path must be provided (i.e., G:\SQL)
sql.fulltextpath	Storage path for SQL Server full text indexes	Path must be provided (i.e., G:\SQL)
elasticsearch.configuration.esUrl	URL Address for Elasticsearch service	In cluster installations, it is essential to enter the server's static IP address (default value is set to http://127.0.0.1:9200)
elasticsearch.clusterName	Definitive name for Elasticsearch Cluster	Private name must be provided by customer (i.e., DS_Cluster)
elasticsearch.nodeName	Definitive name for Elasticsearch node	Private name must be provided by customer (i.e., DS_Node1)
elasticsearch.networkHost	Network connection address of Elasticsearch	URL must be provided (i.e., 127.0.0.1)
elasticsearch.pathData	Main data folder	Path must be provided (i.e., E:\ESDATA)
elasticsearch.esHotArchive	Archive folder (Data older than the current day's data will be archived daily at 01:00 AM)	Path or UNC file path must be provided (i.e., F:\ESARCHIVE or \\NASSERVER\ESREPO\HOTARCHIVE)
elasticsearch.esBackup	Backup folder (The data will be backed up daily at 01:00 AM.)	Path or UNC file path must be provided (i.e., F:\ESBACKUP)
elasticsearch.hotCapacity	Daily Hot data capacity (The live data allows for searches to	Adjustable numeric field (default value is 180)

	be conducted for the last <hotcapacity> number of days on the search screen)	
elasticsearch.warmCapacity	Daily Warm data capacity (The live data allows for searches to be conducted for the number of days specified by <warmcapacity> prior to the HOT data on the search screen)	Adjustable numeric field (default value is 180)
elasticsearch.archiveCapacity	Daily Archive capacity	Adjustable numeric field (default value is 735)
elasticsearch.shardcount	Index shard count (The index shard count specifies how many different data nodes a single day's data will be divided into.)	The default value is set to "1". In cluster installations, it should be equal to the number of data nodes.
elasticsearch.replicacount	Data replication factor	The default value is set to "0". If there is a need for data replication (High Availability), it can be adjusted to "1".

- **Optional** - User can choose to configure this or use the default values. Contact OpenText support for any changes required in this configuration settings.
- **Advanced** - You must use the default values. Contact OpenText support for any changes required in this configuration settings.
- **Other** - You must use only the default values.

Installation

Follow the below instructions to install Database Activity Monitoring:

1. Navigate to the location **C:\DSMedia**.
2. Open the Windows Powershell with administrative privileges.
3. Run the below command to execute script **setup-script.ps1**.

```
.\setup-script.ps1
```

4. Once the installation starts, and all required components and third-party components will be installed one at a time.

NOTE:

- During the installation process, the system may require several restarts. After restarting the system, the installation will resume after logging in to the server.
- If an error occurs during the installation process, a detailed explanation of the error is displayed in the PowerShell console. You can also view the error details in the log file available in **C:\DSMedia\logs** directory.

5. When the installation is successful, the following window appears. This shows that all required configurations have been made and the installation is successful

```
Event sent successfully. ID: 1rHN_JMB1_ySfAzxvINK
Running Curator Task
SUCCESS: Attempted to run the scheduled task "InfraskopeESCuratorTask".
'InfraskopeESCuratorTask' task successfully started.
Installing Console
The IS Console has been successfully installed.
Installing ISServer
The DAM Server has been successfully installed.
Installing DAM Collector
The DAM Collector has been successfully installed.
Configuring antivirus exceptions...
True
Product Installation completed successfully!
Installing additional tools. You can start using DAM Server!
Installing SQL Server Management Studio
SSMS installed successfully.
True
Installing Notepad+...
Installing Notepad++
Notepad++ has been installed successfully.
True
Installing Chrome
Installation completed successfully!
Please restart your computer to finish installation. Press Enter to exit..:
```

6. Restart the server.

Licensing

A 14-day trial license is provided for the Database Activity Monitoring. The license file `app.license` available in `C:\DSMedia` are copied to `C:\inetpub\wwwroot\ElfWebService` during installation.

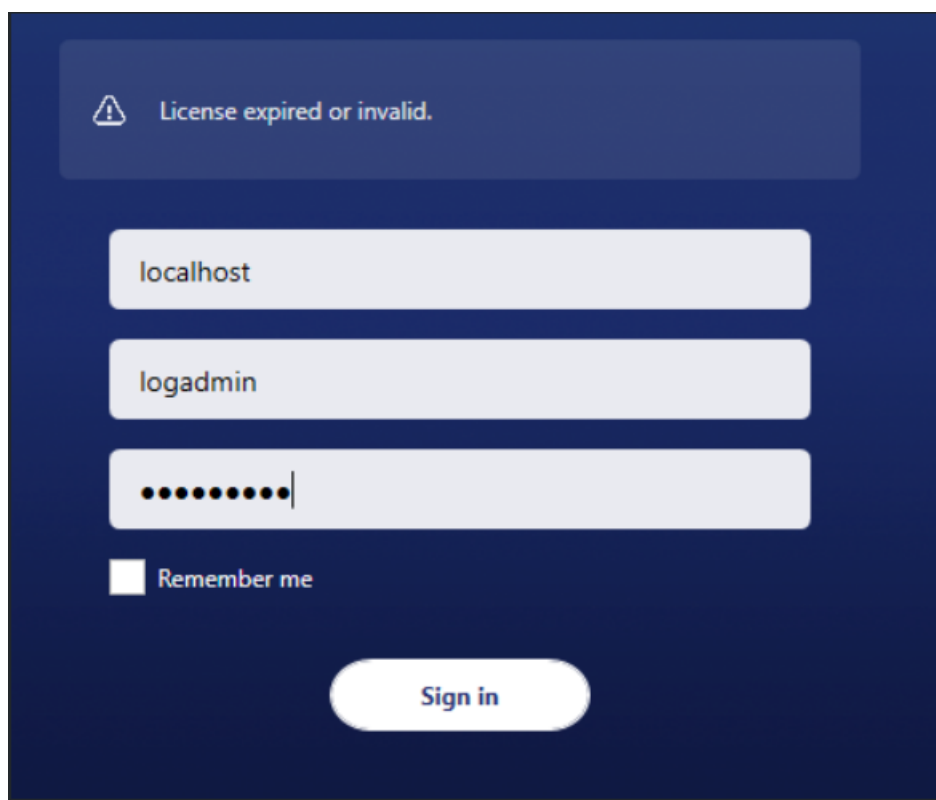
1. Open dashboard from the Database Activity Monitoring desktop icon.
2. Enter the following:
 - **Server Name** : hostname / IP
 - **User Name** : logadmin
 - **Password** : password1

NOTE: It is recommended to change the default password after the first login.

3. After successful login, license expiration and Product Installed information are displayed on the dashboard.

opentext | Database Activity Monitoring | Evaluation | 14 days left.

Once the trial period expires, a notification appears during the login.



The screenshot shows a login form on a dark blue background. At the top, a notification box with a warning icon contains the text "License expired or invalid." Below this are three input fields: the first contains "localhost", the second contains "logadmin", and the third contains a series of dots representing a password. Below the password field is a "Remember me" checkbox, which is currently unchecked. At the bottom of the form is a white "Sign in" button.

4. Replace the trial license file located in folder **C:\inetpub\wwwroot\ElfWebService** with the license file you purchased from OpenText.

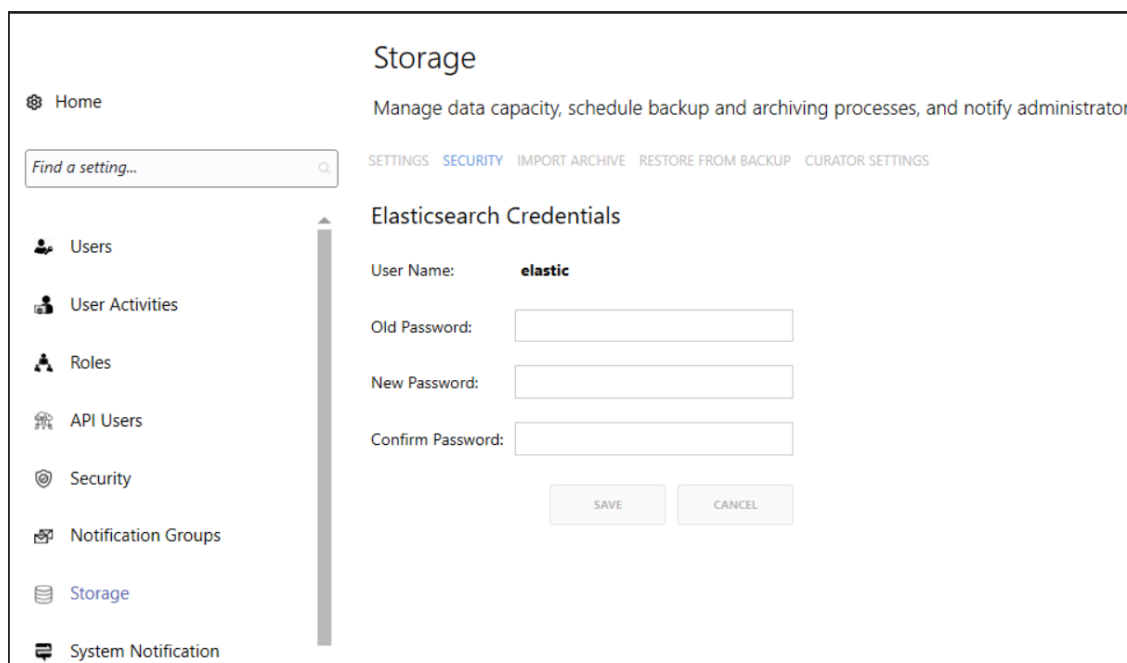
You can purchase the license before the trial version expires.

ElasticSearch Security Configuration

IMPORTANT: It is recommended to change the default password to avoid the significant security vulnerabilities. Make sure that this step is not missed and that a strong, secure password is used instead.

To change the default password:

1. Navigate to **Settings > Storage**.
2. Select the **Security** tab.



NOTE: The Old Password information can be obtained from the config.json file or through the ConfigEditor application by clicking the Copy EdPassword to Clipboard button.