

Quick Start Guide

This guide describes how to quickly install and use IBM Operations Analytics - Log Analysis.

Product overview

IBM® Operations Analytics - Log Analysis provides a semi-structured data analytics solution that reduces problem diagnosis and resolution time and helps you to manage your infrastructure and applications more effectively. Use IBM Operations Analytics - Log Analysis to identify problems and propose solutions.

1 Step 1: Access the software and documentation



To install IBM Operations Analytics - Log Analysis on Linux on System x86_64, download the **IBM Operations Analytics - Log Analysis Linux 64 bit (CN6WVEN)** package from <https://www.ibm.com/developerworks/servicemanagement/iaa/log/downloads.html>.

To install IBM Operations Analytics - Log Analysis on Linux on System z®, download the **IBM Operations Analytics - Log Analysis Linux on System z 64 bit (CN6WWEN)** package from <https://www.ibm.com/developerworks/servicemanagement/iaa/log/downloads.html>

Detailed documentation and supporting information for IBM Operations Analytics - Log Analysis is provided on the IBM Operations Analytics - Log Analysis Knowledge Center. Review this information before you complete the installation. For an overview of the steps that are required to install, configure, and use IBM Operations Analytics - Log Analysis, see the *Introduction to IBM Operations Analytics - Log Analysis* section of the Knowledge Center at <http://www-01.ibm.com/support/knowledgecenter/SSPFMY/welcome>.

2 Step 2: Planning your installation



Before you install IBM Operations Analytics - Log Analysis, ensure that the system meets the hardware and software requirements. For more information about hardware and software requirements, see the *Hardware and software requirements* topic in the *Planning* section of the Knowledge Center.

For more information about other prerequisites, see the *Prerequisites* topic in the *Planning* section of the Knowledge Center.

3 Step 3: Installing IBM Operations Analytics - Log Analysis



If you are accessing the installation environment remotely, ensure that your virtual desktop software is configured so that you can view the graphical user interface for the IBM Installation Manager. Add a `-c` parameter to start the installation in console only mode. To install IBM Operations Analytics - Log Analysis:

1. Log in to your server as a non-root user.
2. Copy and extract the installation archive to a location on your server.
3. From the directory that you extracted the installation files to in the previous step, run the `./install.sh` command.
4. Complete the steps in the installation wizard to complete the installation. Take note of the port numbers and installation directory that you select during the installation.

For a guided demonstration of specific features, click **Learn More > Guided Demo**.

For a guided tour of the user interface, click **Learn More > Tour**.

4 Step 4: Loading sample files



To load sample data and add sample Custom Apps complete this step. Use the sample data to explore the log data search and problem identification features of IBM Operations Analytics - Log Analysis. To install the sample files:

1. Use the following URL to log in to the Search workspace `https://<fqdn>:<port>/Unity` where `<port>` is the port that is specified during installation for use by the web console and `<fqdn>` is the fully qualified domain name. The default port value is 9987. The default administrative user name and password are `unityadmin` and `unityadmin`.
2. On the **Getting Started** page, click **Install Sample Data > Start Now**. The sample data loads.

5 Step 5: Searching a Data Source

 After you load the sample files, you can immediately search the sample log files:

1. Click the **New Search** tab and change the time period to **Last Year** in the **Time Filter** list icon. Enter the wild card character (*) in the search field, and click **Search**.
2. You can use the query syntax to refine your search results. For example, to search for records that contain the phrase error, enter error in the **Search** field and click **Search**.
3. To search for a specific field such as a msgclassifier, enter msgclassifier:WSVR0606W in the **Search** bar and click **Search**. To view more information about query syntax, click **Learn More** and open the **Search Query Syntax** topic.
4. To restrict your search to specific data sources, click the **Data Sources Tree** icon (). Click **Clear All**, expand the cloud provider application tree, and select **db2** and **was**. Enter * in the **Search** field.
5. To refine the search criteria based on the contents of the log records, use the **Search Patterns** pane. For example, to filter your search results for a specific msgclassifier, expand the msgclassifier list. To add msgclassifier:"WSVR0606W" to the search field, click **WSVR0606W (20)**. Click **Search**.
6. You can use the Expert Advice Custom Apps to retrieve information about selected terms from the IBM Support database. To run the Custom Apps, click the **Grid View** button to change the list view to a grid view. Scroll to locate the msgclassifier column and select it. Click the **Search Dashboards** icon, expand the **ExpertAdvice** folder and click **IBMSupportPortal-ExpertAdvice**. To use this feature, the server where IBM Operations Analytics - Log Analysis is installed must have internet access.
7. To save a search, click the **Save Quick Search** button () and enter a name and a tag. To run a sample search, double-click the **sample WAS SystemOut** entry that is displayed in the **Saved Searches** menu.
8. You can also run one of the sample dashboards. To open one, click the **Search Dashboards** icon and click one of the following:
 - **sample-Web-App**: This Custom Search Dashboard displays a sample dashboard of a typical web application that is built using web servers, an application server, and a database.
 - **sample-WAS-Troubleshooting**: This Custom Search Dashboard displays a sample dashboard for WebSphere® Application Server SystemOut logs from multiple servers.
 - **sample-events-hotspots**: This Custom Search Dashboard displays a sample event analysis dashboard that is built for sample IBM Tivoli® Netcool/OMNIBus events.

Note: If you have not loaded the sample artifacts provided, you must add a Data Source and then ensure that the log file is configured for consumption using the IBM Tivoli Monitoring Log File Agent or the Data Collector client.

More information

 For more information about IBM Operations Analytics - Log Analysis and to access the community support, visit Service Management Connect: <http://www.ibm.com/developerworks/servicemanagement/iaa/log/index.html>.

