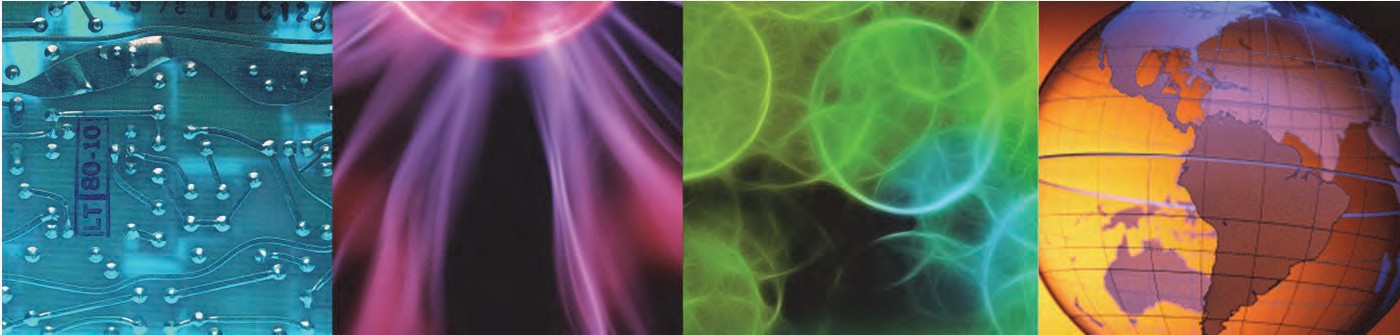




**About TN630**



**IBM Operations Analytics Log Analysis Administration**



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In this course, you learn how to administer, configure, and maintain IBM Operations Analytics Log Analysis. This course includes extensive lab exercises to give you hands-on practice with administration and configuration tasks.

The lab environment for this course uses the VMware virtual machine platform.

For information about other related courses, visit the Cloud & Smarter Infrastructure education training paths website:

ibm.com/software/software/tivoli/education/

**Details**

**Delivery method** Instructor-led

**Course level** ERC 1.0

This course is an update of TOD26 IBM SmartCloud Analytics Log Analysis 1.2.0.3 Administration ERC1.0

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About this course

**Details**

**Product and version** IBM SmartCloud Analytics Log Analysis v1.3

**Duration** 2 days

**Skill level** Intermediate

# About the student

This course is designed for implementers, administrators, technical sales persons, and any others who need IBM Operations Analytics Log Analysis skills.

Before taking this course, make sure that you have Linux administration skills.

# Learning objectives



**Objectives**

In this course, you learn to perform the following tasks:

* Explore IBM Operations Analytics Log Analysis and define the function of an Insight Pack
* Start and stop the application
* Add data sources and delete historical data
* Navigate the user interface
* Use the Generic Annotation Insight Pack
* Create an Insight Pack with the DSV tool kit
* Troubleshoot common problems with log files
* Configure alerts
* Configure IBM Operations Analytics Log Analysis to use Hadoop for long-term storage
* Tune host, operating system, and application settings
* Back up and restore IBM Operations Analytics Log Analysis

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About this course

*Course agenda*



# Course agenda

The course contains the following units:

1. Overview and basic administration

This unit briefly describes IBM Operations Analytics Log Analysis. It also shows you how to complete basic administrative tasks such as starting and stopping the application and user management.

In these exercises, you perform basic administration tasks, including application management, user management, and data storage housekeeping.

1. Common configuration tasks

This unit teaches you how to process log files that are not currently supported by Insight Packs. You learn about two techniques to process these log files: the Generic Annotation Insight Pack and the Delimiter Separated Value toolkit.

1. Troubleshooting

This unit explains the application log files that you should inspect to troubleshoot problems with IBM Operations Analytics Log Analysis.

1. Alerts

This unit teaches you how to use the alerts feature of IBM Operations Analytics Log Analysis. You learn how to create conditions that detect text patterns and actions that generate notifications when those conditions are met.

In this exercise, you configure the product to generate alerts from conditions in log files.

1. Hadoop Distributed File System (HDFS) integration

In this unit, you learn how to configure Log Analysis to store indexed data in Hadoop Distributed File System (HDFS) for long-term storage.

In these exercises, you configure IBM Operations Analytics Log Analysis to use Hadoop Distributed File System (HDFS) for long-term data storage.

1. Performance tuning

In this unit, you learn how to change host, operating system, and application settings to tune the performance of IBM Operations Analytics Log Analysis.

1. Backing up and restoring IBM Operations Analytics Log Analysis

In this unit, you learn how to back up IBM Operations Analytics Log Analysis data and restore it on another system.

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