



**About this course**



**Netcool Operations Insight Fundamentals**

**TOD34**



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This 8-hour self-paced virtual class introduces the student to the features and functions of Netcool Operations Insight. The lab exercises are designed to demonstrate the key functional aspects of the solution. The lab environment for this course uses the Red Hat Linux platform.

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

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

**Details**

**Online** Self-paced (SPVC)

**Course level** ERC 1.0

This course is a new course.

**Product and version** IBM Netcool Operations Insight V1.3

**Details**

**Duration** 8 hours

**Skill level** Basic

# About the student

This course is designed for an individual that uses IBM Netcool Operations Insight. Before taking this course, make sure that you have the following skills:

* Basic UNIX knowledge is helpful

# Learning objectives



**Objectives**

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

* Add customer-specific data to event records to manage infrastructure issues from a business perspective
* Analyze unstructured data in various log formats to increase operational agility
* Search real-time and historical events to improve operational efficiency
* Use related events analysis to identify event groupings
* Use event seasonality analysis to discover events that occur in a non-random pattern over time

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About this course

# Course agenda

The course contains the following units:

* 1. Netcool Operations Insight overview

This unit provides an introduction to the features, and functions of Netcool Operations Insight.

The lab exercises are designed to provide an overview of some of the primary features of Netcool Operations Insight. The lab exercises use one Linux server that runs under VMware. The server, identified as host1, contains the following software:

* 1. Netcool/OMNIbus and Netcool/Impact

This unit provides a brief overview of some of the features and functions of Netcool/OMNIbus and Netcool/Impact.

One of the most powerful features of Netcool/OMNIbus is the ability to organize the event records based on business context. This feature helps improve operational efficiency by enabling a user to quickly evaluate the severity of various issues as they relate to the overall business.

* 1. IBM Operations Analytics Log Analysis

This unit provides an introduction to the features, and functions of IBM Operations Analytics Log Analysis.

Log files are unstructured text data that is generated continually by IT assets. The data in these logs represents a high but usually untapped potential for troubleshooting purposes. Logs can reflect the root cause of a technical problem. The root cause can often be derived by using system health statistics; software errors and exceptions stack traces, customer transactions and sessions, transaction timing, configuration information, ticketing data, and so on.

* 1. Event search

This unit provides an introduction to the event search feature.

When you integrate IBM Operations Analytics Log Analysis with IBM Tivoli Netcool/OMNIbus, you can use the text analytics features to find patterns and trends in event data. With the integration of these two products, you can view and search both historical and real-time event data from IBM Tivoli Netcool/OMNIbus in the IBM Operations Analytics Log Analysis user interface.

* 1. Related events

This unit provides an introduction to the related events feature.

Related Event Analytics is a powerful feature that was introduced with Netcool Operations Insight v1.3. You can use this feature to find events that tend to occur in groups or clusters so that, when identified, these groups can be consolidated as child events underneath a synthetic parent event. You can then use this additional information to enable operations to run more efficiently. For example, instead of opening individual tickets for child events, you can instead open just one ticket for the synthetically generated parent event, substantially reducing the

number of tickets that need to be worked on. In addition, you perform the analysis, identification, and grouping configuration from the DASH interface, so that you create these rules with no coding required.

* 1. Seasonal events

This unit provides an introduction to the seasonal events feature.

Event Analytics provides users with the ability to identify seasonal patterns within their monitored environment. Event Analytics uses statistical analysis of IBM Tivoli Netcool/OMNIbus historical event data to determine the seasonality of events, such as when and how frequently events occur. The results are presented in report and graphic format.