**IBM Netcool Operations Insight 1.4 Fundamentals**



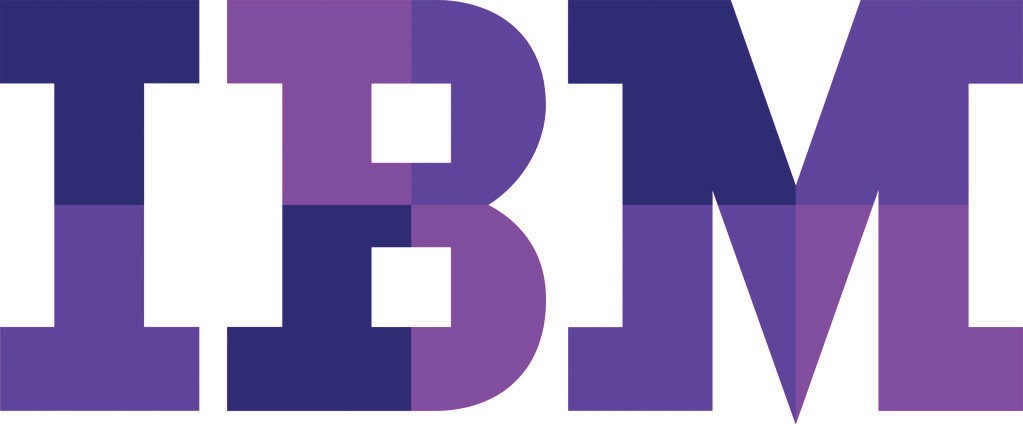
TOD43 (Self-paced)

# Course description

### This 2-day workshop 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 operating system.

For information about other related courses, visit the IBM Training website:



<http://www.ibm.com/training>

**General information**

**Delivery method**

Classroom or instructor-led online (ILO) or self-paced (SPVC) Choose those that apply.

**Course level**

ERC 1.0

**Product and version**

IBM Netcool Operations Insight 1.4

**Audience**

This course is designed for an individual that uses IBM Netcool Operations Insight.

**Learning 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
* Use Network Manager to discover a simulated network, and reduce mean time to repair with root cause analysis
* Use Netcool Configuration Manager to detect and recover from network issues due to unauthorized configuration changes

**Prerequisites**

Before taking this course, make sure that you have basic UNIX knowledge.

**Duration**

16 hours

**Skill level**

Basic

**Classroom (ILT) setup requirements** *Does not apply to this SPVC*

Processor

GB RAM

GB free disk space Network requirements Other requirements

LAN / Internet / DHCP / Fixed IP / None

# Notes

### This course is a new course.

**For more information**

To learn more about this course and other related offerings, and to schedule training, visit ibm.com/training.

To learn more about validating your technical skills with IBM certification, visit ibm.com/certify. To stay informed about IBM training, visit the following sites:

IBM Training News: <http://bit.ly/IBMTrainEN>

YouTube: youtube.com/IBMTraining Facebook: facebook.com/ibmtraining Twitter: twitter.com/websphere\_edu

# Course agenda

### The course contains the following units:

1. **IBM Netcool Operations Insight 1.4 Fundamentals**

Exercise 1 Starting the environment

1. **Netcool/OMNIbus and Netcool/Impact**

Exercise 1 Extending the event record

Exercise 2 Populating the event record with customer-specific data Exercise 3 Creating dashboards

## IBM Operations Analytics Log Analysis

Exercise 1 Analyzing WebSphere Application Server log files Exercise 2 Analyzing DB2 logs

Exercise 3 Analyzing web server access logs

## Event search

Exercise 1 Analyzing event data with Log Analysis

Exercise 2 Using launch-in-context tools from Netcool Web GUI

## Related events

Exercise 1 Verifying configuration objects Exercise 2 Working with related events Exercise 3 Viewing grouped events

## Seasonal events

Exercise 1 Verifying configuration objects Exercise 2 Working with seasonal events Exercise 3 Creating a seasonal event rule

## Network Manager

Exercise 1 Starting the network simulator

Exercise 2 Discovering devices with Network Manager Exercise 3 Configuring polling

Exercise 4 Topology visualization Exercise 5 Automated root cause Exercise 6 Network Manager tools Exercise 7 Network Manager reports

## Netcool Configuration Manager

Exercise 1 Working with Configuration Manager Exercise 2 Working with Compliance Manager Exercise 3 Modifying a router configuration Exercise 4 Detecting out of band changes

## Network Health Dashboard