

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	LAN / Internet / DHCP / Fixed IP / None
Other requirements	

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.

Course agenda

The course contains the following units:

1 IBM Netcool Operations Insight 1.4 Fundamentals

Exercise 1 Starting the environment

2 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

3 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

4 Event search

Exercise 1 Analyzing event data with Log Analysis

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

5 Related events

Exercise 1 Verifying configuration objects

Exercise 2 Working with related events

Exercise 3 Viewing grouped events

6 Seasonal events

Exercise 1 Verifying configuration objects

Exercise 2 Working with seasonal events

Exercise 3 Creating a seasonal event rule

7 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

8 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

9 Network Health Dashboard