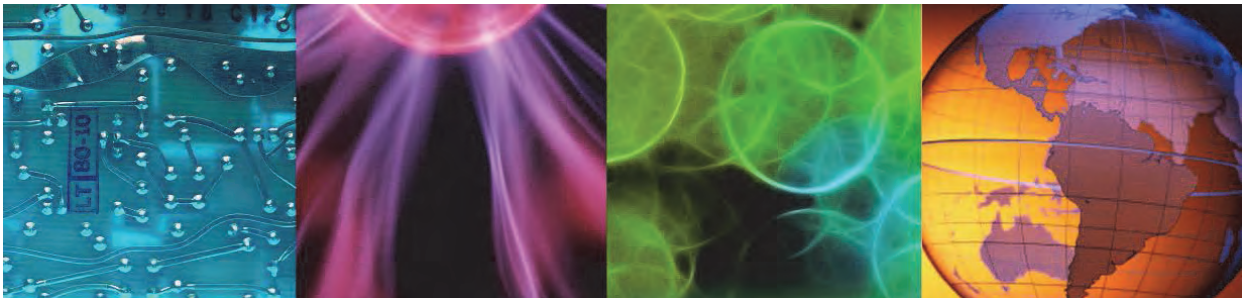




Abstract



IBM Tivoli Netcool/OMNIBus V8.1 Administration and Maintenance



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This course focuses on advanced administration of the IBM® Tivoli® Netcool®/OMNIBus solution.

The lab exercises are based on a distributed deployment of Netcool/OMNIBus. You start with two images with Netcool/OMNIBus installed and deployed in a high availability configuration. You use this environment to explore advanced administration topics, and deploy advanced features.

The lab environment for this course uses the Linux 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	Classroom or instructor-led online
Course level	ERC 2.0
	This course is a new course.

	Details
Product and version	Product Name V8.1
Duration	4 days
Skill level	Advanced / Expert

About the student

This course is designed for product administrators and other advanced users.

Before taking this course, make sure that you have the following skills:

- Linux operating system skills are required
- Basic SQL knowledge is required
- Knowledge of LDAP is beneficial

Before taking this course make sure that you have taken the following courses

- IBM Tivoli Netcool/OMNIBus 8.1 User
- IBM Tivoli Netcool/OMNIBus 8.1 Installation and Configuration

Learning objectives

Course objectives

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

- Describe the major functions of the Netcool/OMNIBus Administrator utility
- Use both basic and advanced SQL
- Configure and run probe integrations
- Configure and use advance probe functions
- Configure and implement Web GUI load balancing
- Customize Tivoli Common Reporting portal reports
- Configure core components and standard integration for SSL and FIPS 140-2 compliance
- Implement and examine the ESF-based, multi-tiered architecture

Course agenda

The course contains the following units:

1. [Introduction to Netcool/OMNIBus Administration](#)

In this unit you learn about some of the basic administrative tasks common to all Netcool/OMNIBus components. In this unit, you learn how to perform some of the basic administrative functions.

2. [ObjectServer administration](#)

In this unit, you learn about the structure of the ObjectServer, and how to use the administrator utility to modify the ObjectServer.

3. [Probes](#)

In this unit, you learn about some of the advanced features for probes.

4. [Automations](#)

In this unit you learn about ObjectServer SQL, and how SQL is used in automations.

5. [Web GUI administration](#)

In this unit, you learn basic Web GUI administration. You learn how to create event filters and views. You learn how to create desktop tools and add them to menus. You learn how to create a map and place the map on a page. You learn how to create a gauge and add the gauge to a page. You also learn how to use the Web GUI administrative API to perform basic administration from the command line.

6. [User administration](#)

In this unit, you learn how to create users and groups.

In this unit, you learn how to configure user access to event information. You configure a user for access to event records, add a restriction to limit the events, and then configure a default startup page for the user.

7. [Customizing Tivoli Common Reporting reports](#)

In this unit, you learn how to modify the Cognos® data model to accommodate extra columns in the Netcool/OMNIBus event record.

The goal of these exercises is to introduce you to using the IBM Cognos® Business Intelligence Modeling tool, Framework Manager. You use Framework Manager to extend an existing Cognos data model for use in Tivoli Common Reporting. In this lab session, you modify the Tivoli Netcool/OMNIBus data model. The model modification supports access to more columns in the Netcool/OMNIBus REPORTER database for use in Tivoli Common Reporting and Cognos reports.

8. [Web GUI high availability](#)

In this unit, you learn how to create a WebSphere cluster, and implement Web GUI high availability.

9. [Security](#)

In this unit, you learn about the features of Netcool/OMNIBus related to security.

In these exercises, you change the ObjectServer encryption method to use AES instead of DES. You configure the ObjectServer to run in FIPS 140-2 mode. You implement Secure Socket Layer communications.

10. [Multitiered architecture](#)

In this unit, you learn how to create multitier architectures.

In this unit, you learn how to use the Initial Configuration Wizard to create, and deploy a multi-tiered architecture.