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Course Code: TN035G

Course Title: IBM Netcool OMNIBus 8.1 Administration and Maintenance

## Description:

This course is designed for IBM Netcool/OMNIBus 8.1 advanced users and administrators. It includes hands-on lab exercises that 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. Note that product installation is not covered in this class. Product installation is covered in Netcool/OMNIBus 8.1 Installation and Configuration (TN025G).

## Objectives:

- Perform the major functions of the Netcool/OMNIBus Administrator utility
- Use both basic and advanced SQL
- Configure and run probe integrations
- Configure and use advanced 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

## Prerequisites:

You should have:

- Linux operating system skills
- Basic SQL knowledge

Knowledge of LDAP is beneficial

You can also take:

- IBM Tivoli Netcool/OMNIBus 8.1 Installation and Configuration (TN025G)

## Duration:

32 Hrs

## Topics:

### Introduction to Netcool/OMNIBus administration

- Overview
- Stopping and starting components
- Backing up and restoring
- Applying maintenance

- Modifying behavior

## **ObjectServer administration**

- ObjectServer structure
- Modifying the ObjectServer structure
- Creating ObjectServers

## **Probes**

- MIB Manager
- Probe high availability
- Remote probe administration

## **Automations**

- Basic SQL
- ObjectServer automations
- SQL code blocks
- Database triggers
- Temporal triggers
- Signal triggers
- ObjectServer procedures

## **Web GUI administration**

- Filters, view, and event grouping
- Tools, prompts, and menus
- Maps
- Gauges
- Basic dashboard creation
- Web GUI administrative API

## **User administration**

- User administration overview
- ObjectServer user administration
- Web GUI user administration
- Creating Web GUI startup pages

## **Customizing Tivoli Common Reporting reports**

- Overview
- Framework Manager
- Modifying the data model

## **Web GUI high availability**

- Dashboard Application Services Hub
- Web GUI
- Setting up a load balanced cluster
- Cluster administration

## **Security**

- Netcool/OMNibus security elements
- Using SSL for client and server communications
- Encryption and FIPS compliance

## **Multitiered architectures**

- Overview
- Deploying the architecture

## **Audience:**

This intermediate course is for Netcool/OMNibus 8.1 administrators and advanced users.