



# IBM Tivoli Netcool/OMNIbus 8.1 Administration and Maintenance

**Duration: 4 Days** Course Code: TN035G

#### Overview:

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).

# **Target Audience:**

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

#### 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 nstallation and Configuration (TN025G)

#### Content:

Stopping and starting components   Tools, prompts, and menus   Using SSL for client and server communications   Using SSL for client and server communication   Using SSL for client and server communications   Using SSL for client and server communications   Using SSL for client and server communications   Using SSL for client and server communication   Using SSL for client and ser	Introduction to Netcool/OMNIbus administration	Web GUI administration	Security
Backing up and restoring Applying maintenance Modifying behavior  ObjectServer administration  User administration User administration  User administration  User administration  ObjectServer structure Modifying the ObjectServers Creating ObjectServers  User administration overview ObjectServers  ObjectServer user administration  Probes  MIB Manager Probe high availability Remote probe administration  Overview  Automations  Basic SQL ObjectServer automations  SQL code blocks Database triggers Temporal triggers Signal triggers  Maps  Communications Encryption and FIPS compliance  Multitiered architectures  Multitiered architectures  Multitiered architectures  Overview Deploying the architecture	Overview	Filters, view, and event grouping	Netcool/OMNIbus security elements
<ul> <li>Applying maintenance</li> <li>Modifying behavior</li> <li>Basic dashboard creation</li> <li>Web GUI administrative API</li> <li>ObjectServer administration</li> <li>User administration</li> <li>User administration</li> <li>User administration</li> <li>ObjectServer structure</li> <li>Modifying the ObjectServer structure</li> <li>Creating ObjectServers</li> <li>ObjectServer user administration</li> <li>Web GUI user administration</li> <li>Web GUI startup pages</li> <li>MIB Manager</li> <li>Probe high availability</li> <li>Remote probe administration</li> <li>Overview</li> <li>Automations</li> <li>Framework Manager</li> <li>Modifying the data model</li> <li>Basic SQL</li> <li>ObjectServer automations</li> <li>SQL code blocks</li> <li>Dashboard Application Services Hub</li> <li>Temporal triggers</li> <li>Signal triggers</li> <li>Setting up a load balanced cluster</li> </ul>	Stopping and starting components	Tools, prompts, and menus	Using SSL for client and server
Basic dashboard creation Web GUI administrative API  ObjectServer administration  User administration  User administration  User administration  User administration  User administration  ObjectServer structure Modifying the ObjectServer structure Creating ObjectServers  ObjectServer user administration Web GUI user administration Web GUI startup pages  MIB Manager Probe high availability Remote probe administration  Overview  Automations  Basic SQL ObjectServer automations  Web GUI high availability SQL code blocks Database triggers Dashboard Application Services Hub Temporal triggers Signal triggers Setting up a load balanced cluster	Backing up and restoring	Maps	communications
ObjectServer administration  User administration overview  ObjectServer structure  User administration overview  ObjectServer user administration  Web GUI user administration  Probes  User administration  Web GUI user administration  Web GUI startup pages  User administration  User adm	11 7 0	Gauges	Encryption and FIPS compliance
ObjectServer administration  ObjectServer structure  Modifying the ObjectServer structure  Creating ObjectServers  ObjectServer user administration  Web GUI user administration  Probes  Customizing Tivoli Common Reporting  Probe high availability  Remote probe administration  Overview  Automations  Basic SQL  ObjectServer automations  SQL code blocks  Database triggers  Deploying the architecture  Overview  Customizing Tivoli Common Reporting  reports  Overview  Web GUI startup pages  User administration  Object Server user administration  Web GUI startup pages  Customizing Tivoli Common Reporting  reports  Framework Manager  Modifying the data model  Web GUI high availability  SQL code blocks  Database triggers  Dashboard Application Services Hub  Web GUI  Setting up a load balanced cluster	Modifying behavior	Basic dashboard creation	
User administration  ObjectServer structure  Modifying the ObjectServers structure  Creating ObjectServers  ObjectServer user administration  Web GUI user administration  Web GUI startup pages  MIB Manager  Probe high availability  Remote probe administration  Overview  Overview  ObjectServer user administration  Web GUI startup pages  Customizing Tivoli Common Reporting  reports  Remote probe administration  Overview  Automations  Framework Manager  Modifying the data model  Basic SQL  ObjectServer automations  Veb GUI high availability  SQL code blocks  Database triggers  Dashboard Application Services Hub  Temporal triggers  Setting up a load balanced cluster		Web GUI administrative API	Multitiered architectures
ObjectServer structure  Modifying the ObjectServers  Creating ObjectServers  ObjectServer user administration  Web GUI user administration  Web GUI startup pages  MIB Manager  Probe high availability  Remote probe administration  Overview  Automations  Basic SQL  ObjectServer user administration  Overview  Framework Manager  Modifying the data model  Basic SQL  ObjectServer automations  Web GUI high availability  SQL code blocks  Database triggers  Deploying the architecture  ObjectServer user administration  Web GUI startup pages  Customizing Tivoli Common Reporting reports  Framework Manager  Modifying the data model  Web GUI high availability  SQL code blocks  Database triggers  Dashboard Application Services Hub  Temporal triggers  Setting up a load balanced cluster	ObjectServer administration		
<ul> <li>Modifying the ObjectServer structure</li> <li>Creating ObjectServers</li> <li>ObjectServer user administration</li> <li>Web GUI user administration</li> <li>Web GUI startup pages</li> <li>MIB Manager</li> <li>Probe high availability</li> <li>Remote probe administration</li> <li>Overview</li> <li>Automations</li> <li>Basic SQL</li> <li>ObjectServer automations</li> <li>Basic SQL code blocks</li> <li>Database triggers</li> <li>Dashboard Application Services Hub</li> <li>Temporal triggers</li> <li>Signal triggers</li> <li>User administration overview</li> <li>ObjectServer user administration</li> <li>Customizing Tivoli Common Reporting reports</li> <li>Overview</li> <li>Framework Manager</li> <li>Modifying the data model</li> <li>Web GUI high availability</li> <li>Dashboard Application Services Hub</li> <li>Setting up a load balanced cluster</li> </ul>		User administration	Overview
<ul> <li>Creating ObjectServers</li> <li>ObjectServer user administration</li> <li>Web GUI user administration</li> <li>Creating Web GUI startup pages</li> <li>MIB Manager</li> <li>Probe high availability</li> <li>Remote probe administration</li> <li>Overview</li> <li>Automations</li> <li>Framework Manager</li> <li>Modifying the data model</li> <li>Basic SQL</li> <li>ObjectServer automations</li> <li>SQL code blocks</li> <li>Database triggers</li> <li>Temporal triggers</li> <li>Signal triggers</li> <li>ObjectServer user administration</li> <li>Web GUI high availability</li> <li>Web GUI</li> <li>Setting up a load balanced cluster</li> </ul>	ObjectServer structure		Deploying the architecture
Probes  Web GUI user administration Creating Web GUI startup pages  MIB Manager Probe high availability Probe high availability Remote probe administration Overview Automations Framework Manager Modifying the data model  Basic SQL ObjectServer automations Web GUI high availability SQL code blocks Database triggers Dashboard Application Services Hub Temporal triggers Signal triggers Setting up a load balanced cluster	Modifying the ObjectServer structure	User administration overview	
Probes  Creating Web GUI startup pages  MIB Manager Probe high availability Probe high availability Remote probe administration  Overview Automations Framework Manager Modifying the data model  Basic SQL ObjectServer automations Web GUI high availability SQL code blocks Database triggers Dashboard Application Services Hub Temporal triggers Signal triggers Setting up a load balanced cluster	Creating ObjectServers	ObjectServer user administration	
<ul> <li>MIB Manager</li> <li>Probe high availability</li> <li>Remote probe administration</li> <li>Overview</li> <li>Automations</li> <li>Framework Manager</li> <li>Modifying the data model</li> <li>Basic SQL</li> <li>ObjectServer automations</li> <li>SQL code blocks</li> <li>Database triggers</li> <li>Dashboard Application Services Hub</li> <li>Temporal triggers</li> <li>Signal triggers</li> <li>Setting up a load balanced cluster</li> </ul>		Web GUI user administration	
Probe high availability Remote probe administration Overview Automations Framework Manager Modifying the data model Basic SQL ObjectServer automations Web GUI high availability SQL code blocks Database triggers Dashboard Application Services Hub Temporal triggers Signal triggers Setting up a load balanced cluster	Probes	Creating Web GUI startup pages	
Remote probe administration  Overview  Automations  Framework Manager  Modifying the data model  Basic SQL  ObjectServer automations  SQL code blocks  Database triggers  Dashboard Application Services Hub  Temporal triggers  Signal triggers  Setting up a load balanced cluster	■ MIB Manager	Customizing Tivoli Common Reporting	
Automations    Framework Manager     Modifying the data model     Basic SQL     ObjectServer automations     SQL code blocks     Database triggers     Dashboard Application Services Hub     Temporal triggers     Signal triggers     Setting up a load balanced cluster	Probe high availability	reports	
Automations  Framework Manager  Modifying the data model  Basic SQL  ObjectServer automations  SQL code blocks  Database triggers  Dashboard Application Services Hub  Temporal triggers  Signal triggers  Setting up a load balanced cluster	Remote probe administration		
<ul> <li>Modifying the data model</li> <li>Basic SQL</li> <li>ObjectServer automations</li> <li>SQL code blocks</li> <li>Database triggers</li> <li>Dashboard Application Services Hub</li> <li>Temporal triggers</li> <li>Web GUI</li> <li>Signal triggers</li> <li>Setting up a load balanced cluster</li> </ul>		Overview	
Basic SQL ObjectServer automations Web GUI high availability SQL code blocks Database triggers Dashboard Application Services Hub Temporal triggers Web GUI Signal triggers Setting up a load balanced cluster	Automations	Framework Manager	
<ul> <li>ObjectServer automations</li> <li>SQL code blocks</li> <li>Database triggers</li> <li>Temporal triggers</li> <li>Signal triggers</li> <li>Setting up a load balanced cluster</li> </ul>		Modifying the data model	
<ul> <li>SQL code blocks</li> <li>Database triggers</li> <li>Dashboard Application Services Hub</li> <li>Temporal triggers</li> <li>Signal triggers</li> <li>Setting up a load balanced cluster</li> </ul>	Basic SQL		
<ul> <li>Database triggers</li> <li>Dashboard Application Services Hub</li> <li>Temporal triggers</li> <li>Web GUI</li> <li>Signal triggers</li> <li>Setting up a load balanced cluster</li> </ul>	ObjectServer automations	Web GUI high availability	
<ul><li>Temporal triggers</li><li>Signal triggers</li><li>Web GUI</li><li>Setting up a load balanced cluster</li></ul>	SQL code blocks		
Signal triggers Setting up a load balanced cluster	Database triggers	Dashboard Application Services Hub	
	Temporal triggers	■ Web GUI	
ObjectServer procedures Cluster administration	Signal triggers	Setting up a load balanced cluster	
	ObjectServer procedures	Cluster administration	

# **Further Information:**

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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