

# BOE320

## **SAP BusinessObjects Business Intelligence Platform: Administering Servers (Windows) (BOE320)**

*SAP BusinessObjects - Business Intelligence*

### **Course Outline**

Course Version: 96 Revision A

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# Course Overview

This three-day instructor-led course explains and demonstrates what each server component in SAP BusinessObjects Business Intelligence platform does and how it is configured. You will install and configure each component and learn how information flows from server to server for system processes such as logging on to the system, scheduling reports, and viewing reports. You will learn to use the Central Management Console (CMC) and the Central Configuration Manager (CCM) to manage and configure the servers and will also practice troubleshooting system problems when they arise. The business benefit of this course is that it provides a foundation for system architects/administrators who are responsible for administering servers on SAP BusinessObjects Business Intelligence platform.

## Target Audience

This course is intended for the following audiences:

- System architects and IT administrators who are responsible for maintaining SAP BusinessObjects Business Intelligence platform servers in their organizations.

## Course Prerequisites

### Required Knowledge

- Windows conventions
- Familiarity with Windows Server 2000/2003 administration and security concepts (global/local groups, and directory structure)
- Basic computer skills

### Recommended Knowledge

- Familiar with tasks involved in supporting users and groups access in SAP BusinessObjects Business Intelligence platform.
- Familiar with content and account management in SAP BusinessObjects Business Intelligence platform
- Familiar with SAP BusinessObjects BI launch pad
- Familiar with security concepts in SAP BusinessObjects Business Intelligence platform

## Course Goals

This course will prepare the participant to:

- Explain the architecture in SAP BusinessObjects Business Intelligence platform
- Configure SAP BusinessObjects Business Intelligence platform
- Perform common server management and administrative tasks in SAP BusinessObjects Business Intelligence platform
- Manage and configure servers
- Troubleshoot SAP BusinessObjects Business Intelligence Platform

## Course Objectives

After completing this course, the participant will be able to:

- Prepare the environment for installation
- Explain the architecture in SAP BusinessObjects Business Intelligence platform
- Describe how information process flows in SAP BusinessObjects Business Intelligence platform
- Perform common server management tasks in the Central Management Console (CMC)
- Manage web application servers
- Manage the Central Management Server and the System Database
- Manage the different servers in SAP BusinessObjects Business Intelligence platform
- Troubleshoot SAP BusinessObjects Business Intelligence platform

# Unit 1

## SAP BusinessObjects Business Intelligence Platform

### Unit Overview

This unit introduces you SAP BusinessObjects Business Intelligence platform and the SAP BusinessObjects BI client tools. You will understand the different client tools and servers components in SAP BusinessObjects Business Intelligence platform

### Lesson: Business Intelligence and SAP BusinessObjects Business Intelligence Platform

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Explain the definition of business intelligence
- Describe the benefits of business intelligence
- Describe SAP BusinessObjects Business Intelligence platform

### Lesson: SAP BusinessObjects Business Intelligence Platform Architecture

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Explain the architecture of SAP BusinessObjects Business Intelligence platform
- Explain how information flows in SAP BusinessObjects Business Intelligence platform

# Unit 2

## Installation and Configuration

### Unit Overview

In this unit you will learn how to install and configure the SAP BusinessObjects Business Intelligence platform server and client components. You will learn about the installation and configuration of the software.

### **Lesson: Installing SAP BusinessObjects Business Intelligence Platform - Server-Side Installation**

#### **Lesson Objectives**

After completing this lesson, the participant will be able to:

- Install SAP BusinessObjects Business Intelligence platform

### **Lesson: Installing SAP BusinessObjects Business Intelligence Platform - Client-Side Installation**

#### **Lesson Objectives**

After completing this lesson, the participant will be able to:

- Install SAP BusinessObjects Business Intelligence Client Tools



# Unit 3

## Server Administration and Management

### Unit Overview

This unit describes how to perform key server administration tasks in SAP BusinessObjects Business Intelligence platform.

### Lesson: Using the Central Management Console (CMC)

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the roles of the Central Management Console (CMC)
- Access the Central Management Console

### Lesson: Using the Central Configuration Manager (CCM)

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the roles of the Central Configuration Manager (CCM)

# Unit 4

## Managing the Web Application Servers

### Unit Overview

This unit describes how to manage the Web Application Servers in SAP BusinessObjects Business Intelligence platform.

### Lesson: Managing the Web Application Servers

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the role of a Web Application Server
- Describe the roles of the Web Application Container Servers
- Manage Web Application Container Servers
- Configure the Web Application Container Server properties

# Unit 5

## Managing the Central Management Server Databases

### Unit Overview

This unit describes how to manage the Central Management Server (CMS) databases in SAP BusinessObjects Business Intelligence platform.

### Lesson: Managing the Central Management Server and system database

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the responsibilities of the CMS
- Manage the CMS system database

### Lesson: Managing Auditing

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Define auditing
- Configure auditing

# Unit 6

## Managing the File Repository Servers

### Unit Overview

This unit describes how to manage the File Repository Servers in SAP BusinessObjects Business Intelligence platform.

### Lesson: Managing the File Repository Servers

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the roles of the File Repository Servers
- Manage the File Repository Servers
- Configure the File Repository Servers properties

### Lesson: Using the Repository Diagnostic Tool

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Explain the functions of Repository Diagnostic Tool
- Describe the inconsistencies that may between a Central Management Server (CMS) database and the File Repository Servers (FRS)
- Describe the inconsistencies that can occur in the metadata of the objects that are in a Central Management Server (CMS) system database

# Unit 7

## Managing the Adaptive Servers

### Unit Overview

This unit describes how to manage the Adaptive Job Servers and Adaptive Processing Servers in SAP BusinessObjects Business Intelligence platform.

### Lesson: Understanding Adaptive Job Servers

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the Adaptive Job Servers
- Describe the services contained inside the Adaptive Job Server
- Configure the Adaptive Job Server

### Lesson: Understanding Adaptive Processing Servers

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the Adaptive Processing Servers
- Describe the services contained inside the Adaptive Processing Server
- Configure the Adaptive Processing Server

# Unit 8

## Managing the Crystal Reports Servers

### Unit Overview

This unit describes how to manage the Crystal Reports Servers in SAP BusinessObjects Business Intelligence platform.

### Lesson: Managing the Crystal Reports Servers

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe how information flows when scheduling, running, and viewing a Crystal reports
- Describe the roles of servers in Crystal Reports for Enterprise and Crystal Reports 2011
- Configure servers in Crystal Reports for Enterprise and Crystal Reports 2011

# Unit 9

## Managing the Web Intelligence Servers

### Unit Overview

This unit describes how to manage the Web Intelligence Servers in SAP BusinessObjects Business Intelligence platform.

### Lesson: Managing the Web Intelligence Servers

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the roles of the Web Intelligence Servers
- Configure the Web Intelligence Servers

# Unit 10

## Managing the Dashboard Servers

### Unit Overview

This unit describes how to manage the Dashboards Servers in SAP BusinessObjects Business Intelligence platform.

### Lesson: Managing the Dashboard Design Servers

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the roles of the Dashboard Servers
- Configure the Dashboard Servers



# Unit 11

## Managing the Connection Servers

### Unit Overview

This unit describes how to manage the Connection Servers in SAP BusinessObjects Business Intelligence platform.

### Lesson: Configuring the Connection Server and Connection Server 32

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Explain how to configure the Connection Server
- Explain how to configure the Connection Server 32

# Unit 12

## Managing the Explorer Servers

### Unit Overview

This unit describes how to manage the Explorer Servers in SAP BusinessObjects Business Intelligence platform.

### Lesson: The role of Explorer Servers

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the roles of the Explorer Servers
- Configure the Explorer Servers

# Unit 13

## Managing the Event Servers

### Unit Overview

This unit describes how to manage the Event Servers in SAP BusinessObjects Business Intelligence platform.

### Lesson: Understanding the Event Servers.

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the roles of the Event Servers

# Unit 14

## Troubleshooting SAP BusinessObjects Business Intelligence Platform

### Unit Overview

This unit describes how to troubleshoot problems in SAP BusinessObjects Business Intelligence platform.

### Lesson: Troubleshooting SAP BusinessObjects Business Intelligence Platform

#### Lesson Objectives

After completing this lesson, the participant will be able to:

- Describe the best practices when troubleshooting SAP BusinessObjects Business Intelligence platform
- Use different methods to troubleshoot SAP BusinessObjects Business Intelligence platform