

SAP NetWeaver Portal: System Administration

COURSE OUTLINE

Course Version: 10 Course Duration: 5 Day(s)

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About This Handbook

This handbook is intended to complement the instructor-led presentation of this course, and serve as a source of reference. It is not suitable for self-study.

Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's prese	entation
Demonstration	•
Procedure	1 2 3
Warning or Caution	4
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	Example text
Window title	Example text



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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Technology Consultant
- System Administrator
- IT Support



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UNIT 1 User Administration and Authentication

Lesson 1: Configuring the User Management Engine (UME) with Data Source LDAP Directory

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the architecture and function of the User Management Engine
- List the different requirements of setting up LDAP as a data source
- Configure the Data Source LDAP

Lesson 2: Introducing Different Authentication Mechanisms

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the various authentication options for the portal
- Change the Initial Authentication Scheme of an SAP Java EE Application

Lesson 3: Describing Authentication Schemes

Lesson Objectives

After completing this lesson, you will be able to:

- List the different user authentication options available with SAP NetWeaver Portal
- Find the authschemes.xml File

Lesson 4: Setting Up Anonymous Access

Lesson Objectives

After completing this lesson, you will be able to:

- · List the methods for setting up anonymous access to selected portal content
- Set up Anonymous Access

Lesson 5: Configuring SPNego for Kerberos Authentication (Redesigned Approach)



Lesson Objectives

After completing this lesson, you will be able to:

- Explain the use of SPNego to enable the use of Windows Integrated authentication to log on to the portal
- Configure SPNego for Kerberos Authentication (Redesigned Approach)

Lesson 6: Performing User Administration and Self-Registration tasks

Lesson Objectives

After completing this lesson, you will be able to:

- Define a company group
- Perform User Administration and Self-Registration tasks

UNIT 2 **Portal Authorization Concept**

Lesson 1: Performing Delegated Content Adminstration tasks

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the concepts of delegated content administration
- Review the different permission level for access control lists
- Launch the Permission Editor
- Set Permissions
- Reset Permissions to Objects
- Describe the structure of the Portal Catalog
- Assign different permissions on PCD objects using delegated content administration

Lesson 2: Setting Permissions on Security Zones

Lesson Objectives

After completing this lesson, you will be able to:

- Discuss the nature of the security zone
- Set permissions on Security Zones

Lesson 3: Setting Permissions on Portal Applications

Lesson Objectives

After completing this lesson, you will be able to:

• Secure components imported into the portal archive from content management activities

Lesson 4: Describing UME Actions

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the functions of UME actions
- Perform UME Actions



UNIT 3 Single Sign-On to Backend Systems

Lesson 1: Introducing the SAP Logon Ticket

Lesson Objectives

After completing this lesson, you will be able to:

• Describe the logon ticket

Lesson 2: Using SSO Logon Tickets

Lesson Objectives

After completing this lesson, you will be able to:

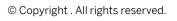
- Set up logon tickets from the portal's perspective to provide seamless Single Sign-On from the Enterprise Portal to SAP Business Suite applications
- Configure the UME Settings for Logon Tickets

Lesson 3: Using SSO User Mapping

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Single Sign-On with user mapping
- Use User Mapping to Access Web-based Applications





UNIT 4 Integrating SAP Applications

Lesson 1: Defining a Back-End System Landscape

Lesson Objectives

After completing this lesson, you will be able to:

• Define a Back-end System Landscape

Lesson 2: Setting Up Single Sign-On (SSO)

Lesson Objectives

After completing this lesson, you will be able to:

- Prepare to Set up Single Sign-On to SAP Systems
- Set up Single Sign-On to SAP systems

Lesson 3: Uploading Roles from ABAP-Based SAP Systems

Lesson Objectives

After completing this lesson, you will be able to:

- List the requirements to perform an SAP role upload
- Define the Settings for Upload
- Upload Roles from an ABAP-Based System





Lesson 1: Reviewing Portal Monitoring

Lesson Objectives

After completing this lesson, you will be able to:

• List the specific SAP NetWeaver Portal monitoring data

Lesson 2: Locating SAP NetWeaver Log Viewer and Monitoring Service

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the SAP NetWeaver Portal Log Viewer and Monitoring Service
- Locate SAP NetWeaver Portal Specific entries in the monitoring service

Lesson 3: Configuring Availability Monitoring for Portal

Lesson Objectives

After completing this lesson, you will be able to:

- Configure availability monitoring for the portal
- Use TREX for Monitoring

Lesson 4: Configuring Specific Portal Monitoring Features

Lesson Objectives

After completing this lesson, you will be able to:

• Create a Portal Activity Report

Lesson 5: Using Support Tools

Lesson Objectives

After completing this lesson, you will be able to:

• Use the Support Tools



Lesson 6: Transporting Portal Content with the help of ABAP Change and Transport System

Lesson Objectives

After completing this lesson, you will be able to:

- Review the purpose of the Change and Transport system
- Describe the Architecture for CTS
- View an Example Enhanced CTS System Landscape

Lesson 7: Configuring the TDC System

Lesson Objectives

After completing this lesson, you will be able to:

- Configure the TDC System: Import
- Configure the TDC System: Export
- Configuration of the TDC System: System Landscape

Lesson 8: Reviewing Backup and Restore Strategies

Lesson Objectives

After completing this lesson, you will be able to:

• List the components of the SAP NetWeaver Portal that require a backup and recovery solution to be in place

UNIT 6 Network Infrastructure

Lesson 1: Managing Network Security

Lesson Objectives

After completing this lesson, you will be able to:

• Describe why securing portal and application components is necessary

Lesson 2: Defining Load Balancing

Lesson Objectives

After completing this lesson, you will be able to:

- Compare server-based and client-based load balancing
- Describe the load balancing options
- Install SAP Web Dispatcher

Lesson 3: Introducing Accelerated Application Delivery (AccAD)

Lesson Objectives

After completing this lesson, you will be able to:

- List the architecture and concepts of AccAD
- Explain benefits of AccAD in global scenario



UNIT 7 Advanced Portal Scenarios

Lesson 1: Configuring Navigation Settings and Bandwidth Optimization

Lesson Objectives

After completing this lesson, you will be able to:

- Name and use some navigation features
- Configure Navigation Settings and Bandwidth Optimization

Lesson 2: Implementing a Federated Portal Network

Lesson Objectives

After completing this lesson, you will be able to:

- Explain integration concepts
- List the features for federated portal network
- Explain how to implement a federated network

Lesson 3: Setting Up a Federated Portal Network

Lesson Objectives

After completing this lesson, you will be able to:

• Set up a Federated Portal Network

