

**General information (in English):**

<b>Code:</b>	WP710
<b>Language:</b>	English
<b>Additional languages:</b>	
<b>Brand:</b>	<b>Lotus</b>
<b>Additional brands:</b>	None specified
<b>Product:</b>	WebSphere Portal
<b>Release:</b>	6.0
<b>WW region:</b>	<b>WorldWide</b>
<b>Target audience:</b>	System Administrator
<b>Format(s):</b>	Classroom      Number of Days: 3 days

**Price:**

Call us now for pricing details at **1-630-785-2350**

**Summary description:**

In this hands-on lab course, students explore the operational aspects of an IBM WebSphere Portal version 6.0 installation. The student will practice such tasks as installation, migration of data to a relational database, and utilization of a Lightweight Directory Access Protocol (LDAP) directory. This course focuses on the deployment and management of portal resources, such as portlets, pages, themes, and skins. Students will manage page hierarchies, configure resource permissions on portal resources, and configure virtual portals.

**Course description**

**WP710 –WebSphere Portal V6.0 Administration - 1**

**Duration: 3 days**

**Purpose:**

- The objective of this course is to explore the operational aspects of an IBM WebSphere Portal 6.0 installation.
- The course covers WebSphere Portal 6.0 for the Windows platform.
- Lab exercises are provided only for Windows, but the lecture material does cover differences between Windows and other platforms.
- Hands-on lab exercises are provided throughout the course.

**Course prerequisites**

To get the most out of this course, you should meet the following prerequisites. Students who do not meet these prerequisites might not be able to fully understand and use the materials presented in the course.

- An understanding of basic Internet concepts
- Experience using a Web browser
- Basic operational skills for the Windows operating system

### Course objectives

After completing this course, you should be able to:

- Install WebSphere Portal 6.0
- Migrate WebSphere Portal from a Cloudscape configuration to a DB2 configuration
- Configure WebSphere Portal to IBM Tivoli Directory Server
- Validate installation, migration, and configuration
- Discuss the architecture of WebSphere Portal
- Create and manage page hierarchies
- Configure resource permissions on WebSphere Portal resources
- Create and manage a composite application
- Describe how to add personalized content to a WebSphere Portal using Personalization tools
- Use themes and skins to brand the WebSphere Portal
- Configure and manage a virtual WebSphere Portal

### Agenda for day 1

- Course introduction
  - Introduction to WebSphere Portal 6.0
  - Installation of WebSphere Portal 6.0
  - Overview of lab exercises
- **Exercise 1: Installing WebSphere Portal 6.0**
- **Exercise 2: Validating installation of WebSphere Portal 6.0**
- Introduction to WebSphere Portal architecture
- **Exercise 3: Post-installation migration and configuration**
- WebSphere Portal navigation
- **Exercise 4: Validating post-installation migration**
- WebSphere Portal page management
- **Exercise 5: Managing portal pages**

### Agenda for day 2

- WebSphere Portal access control concepts
  - WebSphere Portal access control administration
- **Exercise 6: Portal access control basics: Part 1**
- **Exercise 7: Portal access control: Part 2 Traversal permissions**
- Attribute-based administration concepts
- **Exercise 8: Working with attribute-based administration**
- Composite applications
    - **Exercise 9: Working with composite applications**

### Agenda for day 3

- Branding WebSphere Portal

#### – Exercise 10: Branding

- Overview of virtual portals
- Administering virtual portals

#### – Exercise 11: Administering virtual portals

- Architecture two
- Course summary

### Topics covered:

This course covers the following topics:

#### Introducing WebSphere Portal

- What are portals and why implement a portal?
- WebSphere Portal as a portal
- Basic infrastructure and components
- Personalization vs. customization

#### Understanding portal terminology

- Portlets
- Themes and skins
- Menus

#### Installing WebSphere Portal

- Planning for an installation
- Steps for successful installation
- Verifying installation
- Basic command-line commands
- Troubleshooting installations
- Post-installation migration to a DB2 (relational) database
- Post-installation configuration of WebSphere Portal version 6 to access an LDAP user registry

#### Understanding the WebSphere Portal architecture

- Overall conceptual architecture
- Administration architecture
- Data configuration split
- Key standards
- Port assignments
- Impact of LDAP and security
- Cluster definitions and scalability basics

### **Navigating WebSphere Portal**

- Nodes: pages, labels and URLs
- Site structure
- Administration pages
- Breadcrumb trail
- Palettes
- Context menus
- Drag and drop

### **Managing portal page hierarchy**

- Create new pages in the page hierarchy
- Configure page properties
- Portlet installation and configuration

### **Configuring access control**

- Authentication vs. authorization
- Authorization (access control)
- Role types, resources and roles
- Role inheritance
- Role blocking
- Traversal permissions
- Shared vs. private resources

### **Implementing attribute based administration**

- Visibility rules
- Resource policies
- Personalization and attribute based administration

### **Implementing composite applications**

- Business components
- Application templates
- Package and deploy
- Security considerations

### **Re-branding a WebSphere Portal installation**

- What does it mean to brand the portal?
- Define themes and skins
- Work with theme policies
- Deploy and manage themes
- Theme performance

### Implementing virtual portals

- What are virtual portals?
- Use cases for virtual portals vs. multiple true portals
- Planning
- Scoped resources
- Non-scoped resources
- Creation via scripts
- Administering virtual portals
- Realm support

### Audience:

The target audience for this course is Independent Software Vendors, Systems Integrators, and IBM technical staff. Architects and developers responsible for implementing solutions using WebSphere Portal 6. IBM WebSphere Portal version 5 architects and developers will benefit as well.

### Prerequisites:

The prerequisites for this course include

- Intermediate administration skills using WebSphere Application Server version 6.0, acquired through experience and/or completion of *IBM WebSphere Application Server V6 Administration*(SW246 or WF381)
- Basic knowledge of portals and WebSphere Portal, acquired by completing *IBM WebSphere Portal Version 6.0 Fundamentals* (WP010)

To learn more about our WebSphere Portal Training and Development services, visit [www.websphereportalguru.com](http://www.websphereportalguru.com) or contact us on **Tel: 1-630-785-2350** (Mon to Fri – 8am to 6pm)



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