

Module Title : **WPL85G:Installation and Administration of IBM WebSphere Portal 8.5 on Windows**
Duration : **5 days**

Overview

This course is also available as self-paced virtual (e-learning) course *Installation and Administration of IBM WebSphere Portal 8.5 on Windows* ([WPP85G](#)). This option does not require any travel.

This comprehensive course combines informative lectures and discussions with relevant activities and labs so that you can administer IBM WebSphere Portal 8.5. In the first part of the course, the focus is on installation and configuration of IBM WebSphere Portal 8.5. After installation, focus shifts to configuration and administration. Configuration includes the database that WebSphere Portal uses, federated user registries, and clustering for scalability and fault tolerance. In the second half of the course, you practice common day-to-day administration tasks on IBM WebSphere Portal Server 8.5, including portlet installation, security configuration, and WebSphere Portal site management.

Learning Journeys or Training Paths that reference this course:

- [Developing Websites Using IBM Web Content Manager 8.5](#)
- [System Administrator skills for IBM WebSphere Portal V8.5](#)
- [Application development skills for IBM Web Experience Factory 8.5](#)
- [Application development skills for WebSphere Portal 8.5 and Rational Application Developer](#)

Audience

This intermediate course is for experienced system administrators that are new to WebSphere Portal or need to refresh WebSphere Portal administration skills. They are responsible for installing and configuring WebSphere Portal and its day-to-day management.

Prerequisites

You should have:

- Understanding the WebSphere Application Server **and** JVM environments
- Experience with the WebSphere Application Server **and** JVM environments
- Database administration experience
- Network security experience

Key topics

- Welcome
- Introduction
- Installing WebSphere Portal
- Exercise: Installing WebSphere Portal Server 8.5
- Configuring WebSphere Portal
- Exercise: Configuring the portal database
- LDAP and security for WebSphere Portal
- Exercise: Enabling portal security by using an LDAP repository
- Page management
- Exercise: Exploring portal page hierarchy and portal commands
- Deploying portlets
- Exercise: Deploying a portlet
- WebSphere Portal security management
- Exercise: Implementing security and creating a Developer Administration page
- Attribute-based administration
- Exercise: Creating rules
- WebSphere Portal search
- Exercise: Using external search engines
- Other administrative portlets
- Exercise: Creating custom names
- WebSphere Portal usage analysis
- Exercise: Enabling and reading the logs
- Virtual portlets and realms
- Exercise: Configuring realms and virtual portals
- XML access
- Exercise: Using XML Access
- Staging to production
- Exercise: Deploying resources from staging to production
- Creating a cell
- Exercise: Create a deployment manager profile
- Federating a portal node into a cell
- Exercise: Federating and clustering the portal node
- Managing portlets in WebSphere Portal clusters
- Troubleshooting

- Exercise: Troubleshooting a portal
- Theme architecture
- Production topologies
- Production procedures
- Course summary

Objectives

Use the features, functions, and procedures of IBM WebSphere Portal 8.5 to achieve the following tasks:

- Configure WebSphere Portal to use an IBM Tivoli Directory Server LDAP server
- Create a Network Deployment cell that contains a single node cluster
- Select the best topology for your organization's needs
- Turn on logging and tracing
- Use XML Access to streamline management activities
- Back up and restore data
- Implement release management practices
- Add portlets to pages by using the new drag and drop of the page builder
- Deploy a new portlet
- Manage access
- Create and apply visibility rules
- Work with syndication feeds
- Integrate mashups
- Configure search
- Customize or brand the portal
- Deploy a custom theme
- Transfer the ready-to-use data from the Derby database to DB2 Universal Database