

IBM WEBSHERE PORTAL 8.0 DEPLOYMENT AND ADMINISTRATION COURSE CONTENT

- ❖ **DESCRIPTION: COVERS PORTAL 7.0 MATERIAL AS IT RELATES TO THESE COMPETENCY AREAS:**
 - ARCHITECTING AN IBM WEBSHERE PORTAL SOLUTION
 - INSTALLATION AND CONFIGURATION
 - SECURITY
 - CUSTOMIZATION AND ADMINISTRATION

- ❖ **ARCHITECTING AN IBM WEBSHERE PORTAL SOLUTION:**
 - a. Architect a content and WebSphere Portal solution
 - b. Design a staging architecture
 - c. Design end-to-end WebSphere Portal architecture
 - d. Planning multiple virtual portals
 - e. Planning security and authentication
 - f. Planning an IBM Web Content Manager implementation
 - g. Planning WebSphere Portal migration
 - h. Understand business process integration concepts
 - i. Understand planning for multiple clusters and database considerations
 - j. Understand virtual portals
 - k. Understand new installation and topology options, including portal farms, multiple profiles, VMware support and +WebSphere Portal in the cloud environment
 - l. Planning and implementation of security in a cluster

- ❖ **INSTALLATION AND CONFIGURATION:**
 - a. Adding node to cluster and dynamic cluster
 - b. Configure IBM WebSphere Application Server and WebSphere Portal caching
 - c. Diagnose problems with development environment installation
 - d. Implement horizontal and vertical clustering
 - e. Install and setup a clustered production environment
 - f. Migrate WebSphere Portal and customized resources
 - g. Perform a silent installation from a response file
 - h. Plan a WebSphere Portal installation
 - i. Understand ConfigEngine commands
 - j. Understand WebSphere Portal coexistence (mixed versions) and install options
 - k. Understand WebSphere Portal installation components
 - l. Understand WebSphere Portal tuning concepts
 - m. Understand the use of the WebSphere Portal property files
 - n. Utilize command line tools
 - o. Setup portal farms
 - p. Understand where files are located after installation
 - q. Understand improvements to the installation wizard and when to use the wizard instead of commands
 - r. Planning for the personalization server
 - s. Run configuration wizard
 - t. Run the IBM installation manager

- ❖ **SECURITY:**
 - a. Administer WebSphere Portal roles and
 - b. Create a Look-aside user registry and add attributes
 - c. Enable SSL between components
 - d. Establish LDAP and Federated authentication mode
 - e. Integrate external security managers
 - f. Manage WebSphere Portal Search Security

- g. Manage user registries
- h. Modify default passwords for WebSphere Portal
- i. Configure login/logout/session filter
- j. Troubleshoot WebSphere Portal security
- k. Understand LTPA and cookies
- l. Using Open ID
- m. Enable SSO with IBM WebSphere Portal
- n. Understand integration of IBM Intranet Experience Suite

❖ **CUSTOMIZATION AND ADMINISTRATION:**

- a. Use WebSphere Portal Search
- b. Administer parallel portlet rendering
- c. Administer virtual portals
- d. Apply portlet wiring concepts
- e. Portlet Communication
- f. Stage virtual portals
- g. Understand WebSphere Portal usage analysis capabilities
- h. Understand WebSphere Portal site management
- i. Working with WebDAV clients
- j. Implement skins and themes
- k. Implement URL mapping
- l. Manage WebSphere Portal resources with policies
- m. Manage portlets in a cluster
- n. Manage users and groups
- o. Modify WebSphere Portal URLs
- p. Understand how to configure a remote search service for WebSphere Portal
- q. Utilize the Manage Search Portlet to administer WebSphere Portal Search
- r. Utilize the WebSphere Portal Site Management Portlet
- s. Create and configure WebSphere Portal and Web Content Manager search collections
- t. Configuring and understanding managed pages
- u. Copy portlets and portlet applications