



Websphere Admin Course Content:35-40hours

Course Outline

WebSphere Administration Overview

- WebSphere product family
- Overview of WebSphere administration
- Themes in WebSphere administration
- What's new with WebSphere 6.1

Installing WebSphere 6.1

- WebSphere installer overview
- Graphical installer vs. Silent Installer
- Installing and Uninstalling WebSphere 6.1
- Installing WebSphere 6.1 Network Deployment

Profiles and Centralized Configuration Management

- Profiles what they are and how they work
- WebSphere Configuration repository
- Centralized configuration management in WebSphere

Basic Administration

- Using the administration console
- Installing applications
- Creating data sources
- Configuring security in the administration console
- Configuring and administering the web container
- Configuring and administering the EJB container
- Basic troubleshooting and log files
- Virtual hosts

Advanced Administration



- JMX
- WebSphere Administration Architecture
- WebSphere scripting overview
- JACL and Jython
- Automating WebSphere administrative tasks
- Java Connector Architecture

HTTP Plug-in and Web Servers

- Installing IHS
- Installing HTTP Plug-in
- Basic IHS administration
- Configuring the HTTP plug in
- Strategies for integrating WebSphere and an HTTP Server

WebSphere Clustering & High Availability

- Clustering topologies
- High availability WebSphere configurations
- Creating and managing clusters
- Data replication service

Advanced Application Deployment

- J2EE class loaders
- J2EE packaging
- Deployment Descriptors
- Automating application builds and deployments with ANT
- Troubleshooting application deployment issues

Securing WebSphere

- WebSphere security architecture
- Java and J2EE Security Model
- WebSphere & SSL
- WebSphere security scenarios

Odds and Ends (Optional Topics)

- Configuring JMS
- Tivoli Performance Viewer
- WebSphere performance management

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