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WebSphere® software

IBM WEBSHERE APPLICATION SERVER V6.1 TRAINING/WORKSHOP

Course Description

IBM WebSphere Application Server V6.1 Network Deployment is the latest version of IBM's high performance and extremely scalable transaction engine for dynamic critical mission e-business application. It provides a service oriented infrastructure that supports the emerging technologies like Services-Oriented Architectures (SOA) & Web Services

This course is designed to provide proficiency to system administrators, developers, and architects with the knowledge to planning, design and configures a WebSphere Application Server V6.1 runtime environment on distributed platforms. It focuses on deploy web application, security-related topics, performance monitoring and troubleshooting.

Support

- ✓ Placement assistance through our placement cell.
- ✓ Trained by IBM certified professionals with real time experience.
- ✓ IBM certification assistance.
- ✓ Resume and interview preparation assistance.

Highlights

- ✓ Very reasonable charges and value for your money.
- ✓ Industry standard course materials.
- ✓ Hands on Lab with real-time scenarios.
- ✓ Accommodation assistance for outstation students.

Duration: 40 Hours

Customizable: Yes

Prerequisites:

- Basic understanding of server systems
- Basic knowledge of some Java technologies

Course Topics

1. Introduction

- *The WebSphere family*
- *Various WAS editions*
- *The J2EE Platform*
- *What is new in WAS 6.1*

2. Architecture, Component, Installation & Configuration

- *Understanding of Server profiles*
- *Base Server architecture and components*
- *WAS ND architecture and components*
- *Installation of WAS ND - GUI & Silent*
- *Manage Profiles*
- *Cells, Nodes, Clusters*
- *Topologies for best practices*

3. Administrative Console

- *Where the console resides*
- *Navigating the GUI*
- *Configure Application server*
- *Install & Configure Web Server*
- *Webserver plug-in*

4. Deploying and configuring Enterprise applications

- *Overview of Enterprise application*
- *Deploying and configuring Enterprise applications*
- *Setting up resources*
- *Application server properties*
- *Web container properties*
- *EJB container properties*

5. Distributed Servers and Repositories

- *Network deployment (WAS-ND)*
- *Creating cells*
- *Federating nodes*
- *Configuration repositories*
- *Repository: Cell, Nodes, Servers*
- *Repository: deployment manager*
- *Managing remote Web servers*

6. Clusters and Topologies

- *Creating clusters*
- *Replication*
- *Adding servers to clusters*
- *Cluster management*
- *Network dispatcher*
- *Vertical scaling*
- *Horizontal scaling*
- *Multi clustering*

7. Administering Security

- *Global Security overview*
- *Administrative security*
- *Configuring User registries and repositories*
 - *Custom registry security*
 - *Local OS Level security*
 - *File-based Federated repository*
- *Mapping roles to users and groups*
- *Application security*
- *SSL administration*

8. Troubleshooting and Monitoring

- *Performance Monitoring Infrastructure*
- *Tivoli Performance Viewer (TPV)*
- *Performance monitoring Servlet*
- *Console messages*
- *Trace facility*
- *Log analyzer*

9. Scripting Tools

- *Bean Scripting Framework*
- *Mbeans*
- *wsadmin*
- *Jacl and Jython scripting*
- *Configuring wsadmin*
- *wsadmin objects*
- *Advanced wsadmin*