



**BEA Systems, Inc.**

*Presents*

# **BEA WebLogic Server 9.1: System Administration**

*Course WLS-A11-91-01*

# Skills Learned



- ▶ At the end of this course, you will be learn about installing and configuring WebLogic Server 9.1 by:
  - Setting up the WebLogic Server Environment
  - Configuring a WebLogic Server Environment
  - Managing and Monitoring a WebLogic Server Environment
  - Understanding JNDI
  - Deploying Applications
  - Setting up JDBC
  - Setting up JMS Applications
  - Managing Transactions
  - Securing WebLogic Server Resources and Applications
  - Configuring and Managing a Cluster
  - Clustering EJB Objects and Services

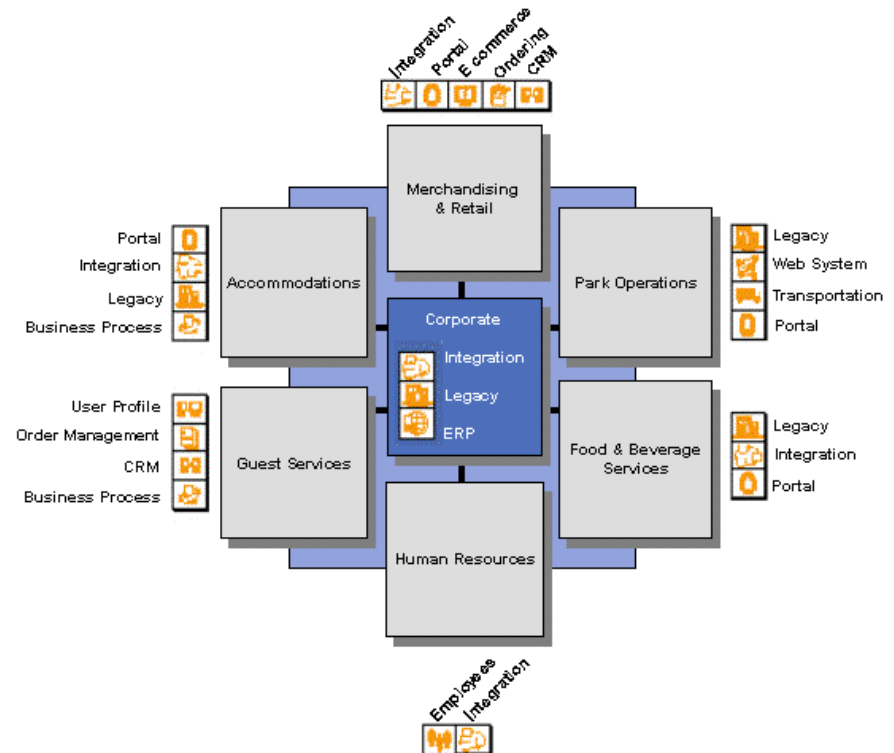
# Learning Materials



- ▶ Student Guide
- ▶ Lab Guide
- ▶ Course CD-ROM
- ▶ Daily course evaluation forms
- ▶ Name tent, paper, pen



- ▶ BEA Ed.Lab, offered exclusively by BEA, is a revolutionary learning environment, designed to eliminate the gap between technical training and real-world implementation.
- ▶ BEA Ed.Lab is:
  - A safe, structured sandbox in which to practice skills
  - A consistent business scenario
  - A comprehensive lab framework that incorporates practical IT situations



# Course Topics



- ▶ The course presents:
  - Core WLS concepts such as domains, machines, managed servers and virtual hosting
  - Application Deployment
  - Resource management, such as JNDI, JDBC and JMS
  - Security planning and implementation
  - Clustering

# Course Objectives



- ▶ At the end of this course you should be able to:
  - Describe the architecture of WebLogic Server including domains, servers and machines
  - Install, configure and use WebLogic Server
  - Perform everyday WLS system administration functions for databases, Web sites, application deployments, security and other services
  - Set up a cluster of servers and distribute applications and resources to the cluster
  - Take advantage of cluster capabilities such as load balancing and failover

# Target Audience



- ▶ This seminar is targeted to:
  - individuals who will be administering WLS application server environment
  - individuals who will be deploying applications



# Introductions



- ▶ Please tell us about yourself:
  - Name
  - Job responsibility
  - Experience with BEA products and technologies, and with Java & J2EE
  - Course objectives





# Course Schedule...



Session		Module
Day 1	A.M.	1: Overview 2: Setting up a WebLogic Server Environment 3: Configure a WebLogic Server Environment
	P.M.	4: Managing and Monitoring a WebLogic Server Environment
Day 2	A.M.	5: Understanding JNDI 6: Deploying Applications
	P.M.	7: Setting up JDBC
Day 3	A.M.	8: Setting up JMS
	P.M.	9: Managing Transactions 10: Securing WebLogic Server Resources and Applications

# Course Schedule



Session		Module
Day 4	A.M.	11: Introduction to WebLogic High Availability 12: Configuring a Cluster
	P.M.	13: Managing Clusters
Day 5	A.M.	14: Clustering EJB Objects
	P.M.	15: Clustering Services

- ▶ During the course, you will complete various hands-on workshops:
  - Installing and configuring WebLogic Server
  - Monitoring transactions in the Administration Console
  - Setting up JDBC and JMS
  - Setting up users, groups and policies for security
  - Deploying Web, EJB and Enterprise Applications
  - Setting up a cluster
  - Deploying resources to a cluster
  - Load balancing and failing over resources and applications in a cluster

# Ground Rules



- ▶ Class starts promptly in the morning, after breaks, and after lunch.
- ▶ Ask questions, but be respectful of the topic at hand and the interest of other students.
- ▶ Ensure that cell phones and pagers are silent



# For More Information



Topic	Website
Education and Training	<a href="http://education.bea.com">education.bea.com</a>
Certification	<a href="http://certification.bea.com">certification.bea.com</a>
Downloads	<a href="http://commerce.bea.com">commerce.bea.com</a>
Developer Resources	<a href="http://dev2dev.bea.com">dev2dev.bea.com</a>
Product Support	<a href="http://support.bea.com">support.bea.com</a>
News Groups	<a href="http://forums.bea.com">forums.bea.com</a>
Documentation	<a href="http://edocs.bea.com">edocs.bea.com</a>