

Chapter 1: Server Components
You will learn to: <ul style="list-style-type: none">• Appreciate the differences between stand-alone and network servers.• Recognize the features of application servers, node, node group, and cells.• Manage and use application server services.• Manage virtual hosts.• Manage sessions.• Use administrative tools.• Deploy applications.
Chapter 2: System Management
You will learn to: <ul style="list-style-type: none">• Use the system management tools.• Administer a standalone server environment.• Perform role-based administrative tasks.• Use JMX: Java Management Extensions.• Manage repository directory structure.
Chapter 3: Profiles
You will learn to: <ul style="list-style-type: none">• Appreciate the purpose of maintaining multiple profiles.• Create and use an application server profile.• Create and use a deployment manager profile.• Use the profile creation wizard.• Use profile templates.
Chapter 4: Administrative Console
You will learn to: <ul style="list-style-type: none">• Start the WebSphere administrative console.• Work with deployment.xml.• Navigate the WebSphere administrative console.• Set console preferences.• Add/remove items to/from the console.• Start and stop Items.• Work with variables.

Chapter 5: Application Servers

You will learn to:

- Manage standalone and network application servers.
- Create templates.
- Monitor the status of an application server.
- Use the administrative console.
- Starting/stop an application server.
- Customize application servers.
- Manage web container settings.
- Manage virtual hosts.
- Manage applications.
- Find a URL for a servlet or JSP.

Chapter 6: Managing Applications

You will learn to:

- Understand various application management techniques.
- View and manage applications in the administrative console.
- Install an enterprise application.
- Export enterprise application.
- Prevent an enterprise application from starting on a server.
- View installed applications.
- View web modules.

Chapter 7: Administration with Scripting

You will learn to:

- Use the WebSphere scripting facility.
- Invoke scripts/commands.
- Manage wsadmin objects.
- Perform administration using AdminControl.
- Configure a server using AdminConfig.
- Configure tasks using AdminTask.
- Perform operational tasks.

Chapter 8: Configuring Resources

You will learn to:

- Use JDBC resources.
- Understand and configure JDBC providers and data sources.
- Use Version 4 data sources.
- Create a data source.
- Create a JDBC provider.
- Create a JDBC data source.

Chapter 9: Managing Web Servers

You will learn to:

- Recognize supported servers.
- Configure and use plug-ins.
- View the status of web servers.
- Start/stop web servers.
- View or modify the web server configuration file.
- View web server logs.
- Map modules to servers.

Chapter 10: Problem Determination

You will learn to:

- Identify the resources for identifying problems.
- Manage administrative console messages.
- Use log files.
- Configure the JVM logs.
- Process native logs.
- Process the IBM service activity log.
- Use the log analyzer.
- Find product information.