Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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WebSphere Application Server V8.5.5 Administration

CODE:	LENGTH:	PRICE:
WA855G	40 Hours (5 days)	£3,250.00

Description

This course is also available as self-paced virtual (e-learning) course *WebSphere Application Server V8.5.5 Administration* (ZA855G). Please note that this option does not require any travel.
This course teaches you the skills that are needed to install and administer IBM WebSphere Application Server V8.5.5. This release offers users enhanced support for standards, emerging technology, and a choice of development frameworks.
In this course, you learn how to install, configure, and maintain IBM WebSphere Application Server V8.5.5 base, Network Deployment (ND), and the Liberty profile. You learn how to deploy enterprise Java applications in a single computer or clustered configuration. In addition, you learn how to work with features of WebSphere Application Server V8.5.5, such as IBM Installation Manager, WebSphere Customization Toolbox, security enhancements, Intelligent Management, and centralized installation.
Throughout the course, hands-on exercises and demonstrations reinforce lecture content and give you practical experience with WebSphere Application Server V8.5.5. You complete tasks such as installing and assembling applications, applying problem determination techniques, configuring a clustered environment, and working with fine-grained administrative security.
For information about other related courses, visit the IBM Training website:
http://www.ibm.com/training
New digital learning is available for this course. There is a pre-course overview and test so you can see what knowledge you already have and a post-course module to check your understanding and reinforce your learning.
To see more about this, check out the teaser. You can also try out the pre-course learning. If you would like to try the post-course option, then please call Arrow training on 0870 251 1000.

Objectives

- Relate WebSphere Application Server to the WebSphere family of products
- Describe the features and standards in WebSphere Application Server V8.5.5
- Describe the architectural concepts that are related to WebSphere Application Server
- Install and configure WebSphere Application Server V8.5.5
- Install and configure IBM HTTP Server (IHS)
- Assemble and install server-side Java enterprise applications
- Use WebSphere administrative tools to configure and manage enterprise applications
- Use wsadmin scripting
- Configure WebSphere Application Server security
- Deploy applications in clustered environments
- View performance information about server and application components
- Use problem determination tools and log files to troubleshoot problems
- Configure messaging with the service integration bus
- Describe Intelligent Management features
- Describe WebSphere Batch features
- Describe the Liberty profile
- Install and configure the Liberty profile

Audience

This intermediate course is designed for administrators who install, configure, and manage web-based applications on WebSphere Application Server. Web administrators, lead application developers, and application architects can also benefit from this course. The course is applicable to users running WebSphere Application Server on various platforms including IBM i systems.

Prerequisites

You should have:

- An understanding of basic internet concepts
- Experience in using a web browser
- Administrative skills for a web server, such as IBM HTTP Server **or** Apache
- Basic operational skills for the Linux operating system

Programme

- Course introduction
- WebSphere product family overview
- WebSphere Application Server architecture - stand-alone
- WebSphere Application Server architecture - federated
- IBM Installation Manager
- WebSphere Application Server installation
- Web server installation
- Exercise: Installing IBM Installation Manager
- Exercise: Installing WebSphere Application Server
- Exercise: Installing IBM HTTP Server
- WebSphere Application Server administrative console
- Exercise: Exploring the administrative console
- Introduction to the PlantsByWebSphere application
- Application assembly
- Exercise: Assembling an application
- Application installation
- Exercise: Installing an application
- Problem determination
- Exercise: Problem determination
- Introduction to wsadmin and scripting
- Exercise: Using wsadmin
- Federating a cell
- Exercise: Creating a federated cell
- Workload management
- Exercise: Clustering and workload management
- Introduction to WebSphere Messaging
- Exercise: Configuring the service integration bus
- Job manager and Centralized Installation Manager
- Demonstration: Using the job manager
- Overview of Intelligent Management
- WebSphere security
- Exercise: Configuring WebSphere security
- Exercise: Configuring application security
- Exercise: Configuring SSL for WebSphere
- Overview of the Liberty profile
- Exercise: Working with the Liberty profile
- Performance monitoring
- Exercise: Using the performance monitoring tools
- WebSphere Batch
- Course summary

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.