

WebSphere Application Server V8.5.5 Administration

Durée: 30 Jours Réf de cours: WA855G Méthodes d'apprentissage: E-learning

Résumé:

This 40 hours Digital module 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. You will 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 module, 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.

Public visé:

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.

Objectifs pédagogiques:

- 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

Pré-requis:

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
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