WebSphere Application Server V9 Administration

Kód kurzu: WA590G

This course teaches you the skills that are needed to administer IBM WebSphere Application Server V9.This release of IBM WebSphere Application Server provides enhanced support for standards (notably Java 7 EE), emerging technology, and a choice of development frameworks.In this course, you learn how to configure and maintain IBM WebSphere Application Server V9 in a single-server environment. You learn how to deploy enterprise Java applications in a single computer configuration. In addition, you learn how to work with features of WebSphere Application Server V9, such as the wsadmin scripting interface, security, and performance monitoring.

Pro koho je kurz určen

This course is designed for administrators who configure and manage web-based applications on WebSphere Application Server. Web administrators, application developers and deployers, security specialists, and application architects can also benefit from this course.

Co Vás naučíme

After completing this course, you should be able to:

- Relate WebSphere Application Server to the WebSphere family of products
- Describe the features and standards in WebSphere Application Server V9
- Describe the use of WebSphere Application Server in cloud, hybrid cloud, and on-premises environments
- Describe the architectural concepts that are related to WebSphere Application Server
- 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
- View performance information about server and application components
- Troubleshoot problems by using problem determination tools and log files

Požadované vstupní znalosti

Basic operational skills for the Linux operating system

Administrative skills for a web server, such as IBM HTTP Server or Apache

Basic understanding of cloud concepts, private, public, and hybrid clouds, and traditional on-premises environments

Osnova kurzu

Course introduction

WebSphere product family overview

WebSphere Application Server architecture - stand-alone

Exercise: Profile creation

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

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Exercise: Problem determination Introduction to wsadmin and scripting

Exercise: Using wsadmin WebSphere security

Exercise: Configuring WebSphere Application Server security

Exercise: Configuring application security Performance monitoring

Exercise: Using the performance monitoring tools

Course summary

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