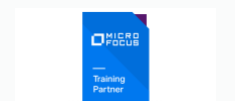


Szkolenie: Micro Focus DA200 - DA for Release Engineers



Cel szkolenia:

This course provides the foundational concepts and skills needed to use Deployment Automation (DA) for deployment.

Upon successful completion of this course, you should be able to:

- Describe the deployment automation process
- Navigate the DA web client
- Describe DA architecture
- Describe DA terminology and concepts
- Object Model, Code Station, Applications, Environments, Components, Resources, Agents
- Locate and use plug-ins and integrations
- View component versions, sources, and content
- Use application gates and snapshots
- Execute application processes and snapshots
- Compare environments at component and file level
- Understand Deployment Packages
- Plan and prepare for process development
- Create an DA Application
- Validate Deployments
- Enhance an DA Application
- Describe the process for creating an advanced DA Application

Audience/Job Roles

This course is for those who will be responsible for defining the technical detail of release processes and operating DA to fulfill release automation requirements.

Plan szkolenia:

- Course Introduction
 - Identify the daily classroom schedule and methodology

- Review the course objectives
- Introduction to Deployment Automation
 - Describe foundational principles and objectives of Deployment Automation
- Training Case Study
 - Review the Application Components that are to be deployed.
- Navigating the DA Client
 - Log in
 - Navigate the DA web client
 - Access Home, Management and Administration Pages
 - Access Help
 - Log out
- DA Architecture
 - Describe the following terms:
 - Application
 - Component
 - Plug-ins
 - Environment
 - Pipeline
 - Agent
 - Agent Relay
- DA Concepts
 - Describe how the DA Object Model
 - Understand DA Integrations
 - Describe the main objects including Code Station
- Components
 - Understand Components in SDA
 - Configure DA Components for a particular source type
 - Import artifacts into an existing Component
 - Manage Component version statuses
 - Manage Snapshot collections of Component versions
 - Create an Application Gate
- Processes and Properties
 - Understand Processes for Applications, Components and Global use
 - Use the Process Designer to investigate an Application process
 - Use the Process Designer to investigate a Component process
 - Understand Properties in SDA

- Use the Batch Editor to view environment properties
- View a Component Process step that references a property
- Executing Deployments
 - Run application processes in different environments
 - Deploy an Application using specific component versions
 - Create an Application Snapshot
 - Deploy an Application Snapshot
 - Compare two Environments
- Preparation for Process Development
 - Describe physical infrastructure
 - Describe Interfaces with other systems
 - Software installation and configuration
 - Backup and Recovery
 - Developing and Maintaining Automations
- General Design Considerations
 - Consider good naming practice
 - Consider Version Control/Build System integration
 - Export a DA Application as a JSON file
 - Inspect the JSON file in an editor
- Creating a DA Application
 - Review steps for building a deployment
 - Implement each step by build the Qlarius application
 - Create a new Application, Components, Resources, Resource Groups, Environments
 - Create simple stub processes
 - Map Applications to Environments
 - Map Components to Resource Groups
 - Deploy the Qlarius Application
- Validating Deployments
 - Review Application History
 - Review Component Process Log
 - Examine Process Step Output
 - Examine Process Step Input and Output properties
 - Execute and debug a process
 - Create a Deployment Package
- Enhancing the SDA Application
 - Enhance and revise the Component Process

- Run and test the new process
- Replace shells steps with the FileUtils plugin steps
- Review the Output logs for each step
- Creating an Advanced Application Process
 - Add a rollback process
 - Create a new Component Process based on an existing process
 - Modify Application Process
 - Modify the Application inventory management
 - Run and test the new process
 - Deploy a new Component version and rollback to the previous version
 - Implement process logic using the switch step and properties
 - Test the new process logic
- Course Summary
 - Review Course Objectives
 - Further Information

Wymagania:

These self-paced online courses are recommended as pre-study:

- 100DA Essentials

Poziom trudności



Certyfikaty:

The participants will obtain certificates signed by Micro Focus (course completion).

Prowadzący:

Authorized Micro Focus Trainer