

Szkolenie: Micro Focus ALMOCT110-125B - Octane Fundamentals - Bundled with Digital Learning



Cel szkolenia:

This three-day course about HPE Application Lifecycle Management (ALM) Octane teaches students how to leverage this streamlined ALM solution to bring continuous quality to lean, Agile, and DevOps-focused teams. Students learn how to manage quality information throughout the development cycle, from constructing requirements, designing and executing tests, through to monitoring defects.

The course uses lecture, text, and a series of hands-on labs to teach the course material. The hands-on labs for this course use version 12.5 of the ALM Octane software.

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

- Summarize what ALM Octane is and where it fits in your project lifecycle
- Differentiate ALM Octane from the traditional ALM (ALM.NET)
- Define the purpose of ALM Octane
- Describe the various features and functionalities available with ALM Octane
- Describe how ALM Octane helps in Agile methodology by supporting velocity without compromising quality
- Perform administration tasks at a basic level on the ALM Octane platform

Plan szkolenia:

- Course Overview
 - Explain the daily classroom schedule and structure
 - Review the overall course objectives
- Introduction to ALM Octane
 - Describe ALM Octane
 - Explain the ALM Octane lifecycle
 - Log in to ALM Octane
- Project Management Flow
 - Set up releases, teams, and workflows
 - Build a backlog
 - Plan a release
 - Track progress

- Analyze and monitor release quality
- Agile Development Flow in ALM Octane
 - Plan and create workflow in the Agile model
 - Create backlogs
 - Plan releases and sprints
 - Create tasks
 - Track overall release progress
 - Add tests to backlog items
 - Run tests
 - Analyze test results
 - Work with release
- Testing Flows in ALM Octane
 - Summarize the manual testing flow
 - Describe manual and Gherkin tests
 - Create tests
 - Execute tests
 - Report defects
 - Analyze results
- DevOps Main Flow
 - Set up integration with a CI server
 - Create a pipeline
 - Configure the pipeline
 - Run pipelines from ALM Octane
 - Assign tests to applications and backlog items
 - Analyze the build and release quality
- My Work Page
 - Identify and view assigned items
 - View tests
 - View test runs
 - Advance the phase of an item
 - Relate items to other items
 - Attach files to items
 - View item history
- Backlog Management and Release Quality
 - Define ALM Octane backlog
 - Explain the backlog cycle

- Explain backlog entities
- Build product backlogs
- Create the backlog tree
- Add user stories and quality stories to the backlog
- Rank the backlog
- Rank the backlog items subsets
- Planning a Release
 - Identify release planning prerequisites
 - Build a release backlog
 - Assign backlog items to individual team members
 - Move stories to another release
 - Balance release and sprint workloads
- Managing the Team Backlog
 - Break stories into tasks
 - Assign stories using team member buckets
 - Track team progress
 - Work on your stories
- Working with Pipelines
 - Describe pipelines
 - Explain how ALM Octane builds pipelines
 - Display pipelines in ALM Octane
 - Create and configure pipelines in the Jenkins UI
 - Create an ALM Octane pipeline in Jenkins
 - Edit the pipeline and configure pipeline steps in Jenkins
- Pipelines
 - Run the pipeline from ALM Octane
 - View pipeline results
 - Analyze automated test failures
 - Track code changes
 - View and share the pipeline overview
- Creating and Running Tests
 - Create manual tests
 - Create Gherkin tests
 - Automate Gherkin tests
 - Create test suites
 - Save and compare versions of test scripts

- Run manual tests, Gherkin tests, and test suites
- Plan test runs
- Add automated tests
- Run automated tests
- Analyze automated test run results
- Managing Defects
 - Report defects
 - Fix defects
 - Monitor defects
 - Analyze product quality
- Reporting in ALM Octane
 - Track and analyze build, release, and product quality
 - Analyze overall quality in the Dashboard
 - View an overview of product or release quality
 - Analyze product and release quality in ALM Octane grids
 - Analyze build quality using pipeline data
- ALM Octane Dashboards
 - Describe and use ALM Dashboards
 - Use Dashboards
 - Create and configure widgets
- ALM Octane Administration
 - Create workspaces
 - Create releases
 - Create teams
 - Add users
 - Create user-defined fields
 - Create forms
 - Create workflow phases
 - Create business rules

Wymagania:

To be successful in this course, you should have the following prerequisites or knowledge:

- Have working knowledge of Windows, websites, and browsers
- Understand basic testing concepts

Poziom trudności



Certyfikaty:

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

This course prepares you also for such related Micro Focus certification exam: ALM Octane v12.5 ASP Exam

Prowadzący:

Authorized Micro Focus Trainer.