



ALM Octane 15.0

Adoption Readiness Tool (ART)

The Adoption Readiness Tool (ART) provides initial and ongoing enablement to your users to ensure that you get the most out of your software. ART is a cost-effective, comprehensive IT education, documentation and performance support solution. ART provides pre-built simulation-based courses in Micro Focus software that can be accessed by users anytime, anywhere.

ART content provides easy access to self-paced learning content enabling your users to not only dive into an online course, but also to gain direct access to individual components to quickly master specific tasks.

- Access printable job aids targeted towards specific application tasks.
- View or practice a task in a simulated environment.
- Experience full learning with key terms and concepts, product demonstrations and self-assessments by viewing the entire course.

Regardless of which route chosen, users will gain an understanding of the important key concepts, as well as gain competency in both the navigation and functionality of the application.

Course Description

This course describes the features and benefits of the ALM Octane software solution. It is ideal for organizations that are moving toward an Agile or DevOps development approach. The course focuses on an overall understanding of the ALM Octane solution, as well as how it supports the Agile development process and the DevOps flow, including the Continuous Integration and Continuous Deployment processes.

Audience/Job Roles

This course is intended for Quality Assurance engineers, DevOps team members, Project Managers, Quality Assurance leads, and anyone who is considering moving to ALM Octane or any new user of ALM Octane.

Course Objectives

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

- Explain the ALM Octane lifecycle
- Describe ALM Octane and describe where it fits in your project lifecycle
- Differentiate ALM Octane from the traditional ALM (ALM.NET) software
- Describe the various features and functionalities available with ALM Octane
- Describe how ALM Octane helps when you are using an Agile methodology by supporting velocity without compromising quality

Prerequisites / Recommended Skills

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

- Working knowledge of Windows and web browsers
- Understand basic testing concepts

Course Topics

Modules	Objectives
Module 1: Introduction to ALM Octane	<ul style="list-style-type: none">▪ Introduction▪ Objectives▪ Addressing the challenges of ALM<ul style="list-style-type: none">▪ Concept of Hybrid IT▪ Changes to Service Delivery Models▪ Addressing Hybrid IT with ALM Octane▪ About Octane<ul style="list-style-type: none">▪ Overview of Octane▪ Benefits of Octane▪ ALM Octane Integrations▪ New Features in Octane 15.0▪ User Roles in Octane▪ Modules in Octane<ul style="list-style-type: none">▪ The Octane Modules▪ Navigate the Modules in Octane*▪ Octane Lifecycle Overview<ul style="list-style-type: none">▪ Octane Lifecycle▪ Creating, Managing, and Tracking Backlog▪ Tracking Build Quality▪ Incorporating Test and Build Results into Product Quality▪ Tacking the Entire Delivery▪ Summary▪ Assessment

Module 2: Agile Development Flow in ALM Octane	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Enterprise Agile Frameworks <ul style="list-style-type: none"> ▪ Support for Agile Methodologies ▪ SAFe and Micro Focus Lifecycle Management Products ▪ Micro Focus PPM ▪ PPM-Octane Integration Overview ▪ PPM-Octane Integration: Requests and Work Plans ▪ PPM-Octane Integration: Releases and Time Sheets ▪ Agile Development Flow in Octane <ul style="list-style-type: none"> ▪ Agile Development Flow ▪ Agile Development – Planning ▪ Agile Development – Building ▪ Agile Development – Test ▪ Agile Development – Release ▪ Summary ▪ Assessment
Module 3: Setup Flow in ALM Octane	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ An Overview of How to Set Up a Flow ▪ Workspaces ▪ Workspaces View ▪ Create a Workspaces and Deploy Sample Data * ▪ Releases ▪ Create a Release* ▪ Create Users ▪ Create Roles ▪ Create Users* ▪ Create Team* ▪ Collaboration ▪ A Basic Workflow Diagram ▪ Operations on Workflow ▪ Summary ▪ Assessment
Module 4: Improving Quality through Manual Testing	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Processing the Team Backlog and Adding User Story Tests <ul style="list-style-type: none"> ▪ Manual Tests ▪ Steps in Manual Testing ▪ Adding a User Story Test ▪ Add User Story Test* ▪ Debugging a Test ▪ Debug a User Story Test* ▪ Perform Quality Testing and Defect Tracking <ul style="list-style-type: none"> ▪ The My Work Module ▪ Release Testing ▪ Run the Tests Assigned to Jim* ▪ Tracking Defects ▪ Run the Tests and Track Defects* ▪ Behavior-Driven Testing and Test Suites <ul style="list-style-type: none"> ▪ Gherkin Tests ▪ Create a Gherkin Test*

	<ul style="list-style-type: none"> ▪ Run a Gherkin Test* ▪ Test Suite ▪ Create Test Suites* <ul style="list-style-type: none"> ▪ Summary ▪ Assessment
Module 5: API Access for Integration in ALM Octane	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ An Overview of Integration Types ▪ Integration Types ▪ Create API Access Keys* ▪ Modify API Access Keys* ▪ Revoke API Access* ▪ Regenerate API Access* ▪ Summary ▪ Assessment
Module 6: DevOps Main Flow in ALM Octane	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Continuous Integration/Continuous Deployment (CI/CD) Processes ▪ Collecting Data from CI Servers ▪ Seamless DevOps Integrations ▪ Set Up Integration with a CI Server ▪ Integration with a CI Server* ▪ Pipelines ▪ Actions Performed in Pipeline* ▪ Run Pipelines ▪ Pipeline View ▪ View Pipeline Run Results ▪ Create a Pipeline* ▪ Configure the Pipeline* ▪ Run Pipelines from ALM Octane* ▪ Assign Automated Tests ▪ Assign Tests to Application Modules and Backlog Items* ▪ Summary ▪ Assessment
Module 7: Automated Testing Flow in ALM Octane	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Automated Testing Flow ▪ Plan for Testing Infrastructure ▪ Set up the Test Run Environment ▪ Set up Integration with a CI server* ▪ Create a Jenkins Project to Run UFT Tests* ▪ Run the Pipeline and Collect Results* ▪ Summary ▪ Assessment

**Module 8: Project
Management Flow in ALM
Octane**

- Introduction
- Objectives
- A Basic Workflow Diagram
- Operations on Workflow
- Add and Delete Transitions in Workflow
- Set up Workflows*
- Build the Backlog
- Build the Backlog*
- Plan the Release
 - Plan the Release
 - Release Planning
 - Create a Team to work on the release
 - Velocity and Capacity
 - Plan a Release – Assign the Team (Who)*
 - Create User Stories
 - Plan a Release – Create User Stories (What)*
 - Plan User Stories
 - Plan a Release – Plan User Stories (What)*
 - Relate Requirements to Features
 - Plan a Release – Relate Requirements to Features (Why)*
- Analyze and Track a Release (Team Leader)
 - Analyzing and Monitoring Release Quality
 - Release Tracking
 - Analyze Results
 - Track and Analyze a Release*
- Jira Integration
 - Track Progress
 - Octane Synchronizer
 - Perform an Octane Synchronization
 - Introducing Micro Focus Connect
 - The Benefits of Micro Focus Connect
 - Connectors available
- Summary
- Assessment

*Indicates a simulation