



Application Lifecycle Management (ALM) 15.5 ART

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.

This ART Course contains *Voice Narrations* only for the What's New ALM module and its simulations. The audio controls at the bottom of the page enable you to pause, play, and stop the audio, enable/disable the audio, and also display the audio transcript text.



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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 is selected, 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 provides students with the skills needed to effectively use the Application Lifecycle Management (ALM) 15.5. This course focuses on teaching the ALM architecture. This course covers the following areas: how to manage quality information throughout the development cycle, from construction requirements, designing and executing tests, through monitoring defects.

Audience/Job Roles

This course is intended:

- Quality assurance engineers
- Quality testers
- Project manager
- Quality Center/ALM Administrators
- Quality Assurance Leads
- Other Quality Center/ALM users responsible for managing projects, users and workflow customizations

Course Objectives

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

- Describe the features of ALM
- Explain create and manage libraries
- Explain about use of Sprinter on manual tests
- Explain create test sets
- Describe analyze risks associated with requirements
- Describe execute manual and automated tests
- Generate test scripts from design steps

Prerequisites / Recommended Skills

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

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

Course Topics

Modules	Objectives
Module 1: Introduction to Lifecycle Management 15.0	<ul style="list-style-type: none"> • Introduction • Objectives • ALM – An Overview • ALM Roadmap • ALM Hierarchy • ALM 15 New Features • ALM 15 Usage Models • ALM 15 Environment • Login to ALM* • Navigate the ALM User Interface* • Summary • Assessment
Module 2: Work with Releases	<ul style="list-style-type: none"> • Introduction • Objectives • Relationship Between Releases and Cycles • Create a New Release* • Define Cycles* • Assign Requirements to Releases and Cycles* • Assign Test Sets to Releases and Cycles* • Add Attachments* • Summary • Assessment
Module 3: Work with Requirements and Analyze Risk	<ul style="list-style-type: none"> • Introduction • Objectives • Requirement – Types • Specifying Requirements • Create a Requirements Tree* • Assign Requirements to a Release and Cycle* • Add Traceability Links* • Use Traceability* • Use the Traceability Matrix* • Use Risk-Based Testing* • Perform Risk Analysis* • Summary • Assessment
Module 4: Requirements Coverage	<ul style="list-style-type: none"> • Introduction • Objectives • Requirement and Test Coverage • Create a Test Coverage Link in the Requirements Module* • Create Requirement Coverage in the Test Plan Module* • Create Requirement Coverage Using Test Configurations* • Analyze Cycle Progress* • Track Cycle Progress with the Test Set Folders* • Summary • Assessment
Module 5: Test Planning	<ul style="list-style-type: none"> • Introduction • Objectives • ALM Roadmap • Convert Requirements to Tests*

	<ul style="list-style-type: none"> • Create a Test Configuration* • Define Test Resources* • Link Tests to a Requirement* • Generate a Live Analysis Graph* • Create a Test Plan Tree Manually* • Add a Design Step* • Edit a Design Step* • Call a Test* • Generate Automated Test Scripts* • Summary • Assessment
Module 6: Lab Management	<ul style="list-style-type: none"> • Introduction • Objectives • Lab Management Concepts • Verify ALM and Lab Management Service Agents* • Launch ALM Lab Management* • Review Existing Hosts* • Build a VAPI Test Set* • Build and Run a VAPI Default Test Set* • Run a Functional Test Set Using Timeslots* • Create a New Host* • Summary • Assessment
Module 7: Test Execution	<ul style="list-style-type: none"> • Introduction • Objectives • Create a Test Set Folder* • Assign Test Set Folders to Cycles* • Create a Test Set* • Define Test Execution Flow* • Test Conditions and Dependencies* • Run Tests Locally* • Set Test Set Notifications* • Run Tests in Host* • Summary • Assessment
Module 8: Build Verification	<ul style="list-style-type: none"> • Introduction • Objectives • The Build Verification User Interface • Create a Build Verification Suite* • Add Functional Test Sets to the Suite* • Run the Build Verification Suite* • Summary • Assessment
Module 9: Test Run	<ul style="list-style-type: none"> • Introduction • Objectives • Viewing Test Runs • Test Runs User Interface • View Results for a Test Instance Run • View Results for a Functional Test Set Run • View Results for a Build Verification Suite Run • Manage Linked Defects • Purge Test Runs

	<ul style="list-style-type: none"> • Summary • Assessment
Module 10: Sprinter	<ul style="list-style-type: none"> • Introduction • Objectives • Sprinter – Overview • Use Plan Mode* • Add Parameters Using Plan Mode* • Call a Test* • Add an Application in Power Mode* • Capture Test Steps* • Run a Test* • Generate a Test* • Summary • Assessment
Module 11: Defect Tracking	<ul style="list-style-type: none"> • Introduction • Objectives • Defect Tracking – Overview • Use the Defects Module* • Defect-Requirement Relationship* • Defect-Test Relationship* • Log a Defect* • Link Defects to Tests* • Update a Defect* • Summary • Assessment
Module 12: Reporting and Analysis	<ul style="list-style-type: none"> • Introduction • Objectives • ALM Roadmap • Predefined Reports and Graphs • Add Sub-Reports* • Generate Graphs* • Create a Project Report* • Create Dashboard Folders and Pages* • Configure the Dashboard Page* • View a Dashboard Page* • Summary • Assessment
Module 13: Cross-Project Reporting	<ul style="list-style-type: none"> • Introduction • Objectives • Cross-Project Reporting – An Overview • Types of Cross-Project Graphs* • Create a Cross-Project Graph* • Exclude a Hub Project* • Summary • Assessment
Module 14: Business Views	<ul style="list-style-type: none"> • Introduction • Objectives • Business View Details • Building a Graph with Business Views • Review Out-of-the-Box Business • Access Business Views in Project Customization* • Explore Business Views*

	<ul style="list-style-type: none"> • Duplicate and Modify a Business View* • Create a New Business View with DQL Functions* • Create a Graph Using a Business View* • Summary • Assessment
Module 15: Cross-Project Business View Excel Reports	<ul style="list-style-type: none"> • Introduction • Objectives • Business View Details • Generate a Business View Excel Report* • Navigate the ALM Tab – Microsoft Excel* • Navigate the Worksheet Configuration Pane* • Navigate the Edit Query Dialog Box* • Navigate the Business View Options Dialog Box* • Navigate the Save Business View Excel Report Dialog Box* • Summary • Assessment
Module 16: Project Planning and Tracking	<ul style="list-style-type: none"> • Introduction • Objectives • Project Planning and Tracking – Overview • Workflow • Define Scope Items* • Define and Configure Milestones* • Assign KPIs* • Configure KPIs* • Define a New KPI* • Calculate KPIs* • View the Scorecard* • View the Master Plan* • Summary • Assessment
Module 17: Export from Excel	<ul style="list-style-type: none"> • Introduction • Objectives • Guidelines for Formatting Excel Files for Export • Exporting Data to ALM • Create a Worksheet for Export to ALM* • Export Worksheet Design Steps to ALM* • Export Requirements Data from Excel to ALM* • Summary • Assessment
Module 18: Version Control	<ul style="list-style-type: none"> • Introduction • Objectives • Version – Overview • Check Entities Out and In* • View Version History* • Compare Versions* • Promote an Older Version* • Summary • Assessment
Module 19: Asset Sharing (Libraries)	<ul style="list-style-type: none"> • Introduction • Objectives • Asset Library • Use Case

	<ul style="list-style-type: none"> • Import a Library* • Working in Parallel • Compare Projects* • Synchronize Libraries* • Pin a Test to a Baseline* • Summary • Assessment
Module 20: Business Models	<ul style="list-style-type: none"> • Introduction • Objectives • Business Process Model Overview • Capturing Business Process Diagrams • Business Models Module* • BPM Capability • Import Business Process Models* • Identify Model Paths and Representative Requirements* • Link Requirements and Tests* • Analyze Quality* • Generate Reports* • Version at the Model Level* • Summary • Assessment
Module 21: What's New in Application Lifecycle Management 15.5	<ul style="list-style-type: none"> • Introduction • Objectives • ALM 15.5 - An Overview • Advanced Analytics • More with Advanced Analytics • Improved Reporting Visibility • New Report View Functionality – Legends • New Report View Functionality – Appearance • Create a New Graph* • Composite Graphs • Create a Composite Graph* • Test Instance – Progress and Summary Graphs • Test Execution – Plan vs. Actual Graph • Improved User Experience • My Homepage • Navigate and View the Entities from the Homepage* • ALM Client Launcher 3.0 • Enhanced Web Runner • Explore ALM Web Runner as an End User* • Explore ALM Web Runner as an Admin* • Increased Accessibility and DevOps – Agile Support • Seamless Integration with DevOps ALM • Fully Functioned Core Rest API • Mass Project Archival • Video: ALM 15.5 Release Overview • Summary • Assessment

❖ Indicates a simulation

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