



Hewlett Packard Enterprise

Course Data Sheet

ALM350 – Application Lifecycle Management 12.x Site and Project Administration

Course No.: ALM350-125	Category/Sub Category: Application Development Management/ALM
For software version(s): 12.5 Software version used in the labs: 12.5	Course length: Four days
Delivery formats: Instructor Led (ILT) and Virtual Instructor Led (VILT)	Training is available as a private session onsite.
To order visit: HPE Software Education Services	

Course Description

This four-day, instructor-led classroom training offers site and project administrators the opportunity to develop hands-on experience in applying the fundamental concepts, principles, and methodologies for implementing, customizing, and managing Application Lifecycle Management (ALM). This course is recommended for individuals who are responsible for creating projects, modifying existing fields, creating user-defined fields, creating users, setting user permissions, and defining basic workflow. The course will end with an A-Z lab to validate what you have learned in the first three days.

The hands-on lab exercises in this course use Application Lifecycle Management version 12.5.

Audience/Job Roles

This course is intended for:

- ALM site administrators
- Project administrators
- Other ALM users who are responsible for managing projects, users, and customizations.

Course Objectives

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

Plan for ALM implementation

- Plan for ALM implementation
- Create, manage, and upgrade domains, projects, and templates
- Create and manage ALM users
- Perform external authentication
- Configure servers and parameters
- Plan project groups and permissions
- Determine entity customizations
- Create and manage lookup lists
- Create business views

- Configure Sprinter
- Build workflow customizations

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 basics of Unified Functional Testing (UFT), programming languages, scripting languages, and macros

Learning Path



Certification

- HPE AIS – HP0-M101 – HPE Application Lifecycle Management 12.x Software
- HPE ASE – HP0-M215P – Advanced HPE Application Lifecycle Management 12.x Software

Course Topics

Modules	Objectives
Module 1: Course Overview	<ul style="list-style-type: none"> • Explain the daily classroom schedule and structure • Review the overall course objectives • Review the Virtual Instructor-Led Training (VILT) connection
Module 2: Implementation Planning	<ul style="list-style-type: none"> • Describe the different ALM editions • Identify hardware and software considerations for installation • Summarize the steps necessary for upgrading to ALM 12.x from previous versions
Module 3: Introduction to Site Administration	<ul style="list-style-type: none"> • Navigate Site Administration • Understand the structure of a project • Analyze the Site Analysis data
Module 4: Domains and Projects	<ul style="list-style-type: none"> • Define domains, projects, and templates • Create a domain and project • Define a template and its use • Verify the project connects to the database • Describe how to enable versioning when creating a project
Module 5: Maintaining ALM Projects	<ul style="list-style-type: none"> • Query project tables • Copy and rename a project • Export and import a project • Add email capability • Describe the new optimized repository • Realign repositories • Convert a project to Unicode • Rename a module • Learn options to optimize ALM performance
Module 6: Upgrading a Project	<ul style="list-style-type: none"> • Identify previous project versions that can be upgraded to ALM 12.x • Summarize items to consider before upgrading a project • Verify and repair a project • Upgrade a project
Module 7: Managing Users	<ul style="list-style-type: none"> • Add users to ALM • Assign users to projects • Assign Site Administrator and/or Project Administrator privileges to a user • Configure login authentication • Configure Smart Card authentication • Use Single Sign On (SSO) • Deactivate and delete users • Interpret the data in Site Connections
Module 8: Managing Licenses	<ul style="list-style-type: none"> • Load an ALM license • Assign licenses to domains and projects • Assign a named license
Module 9: Configuring the Server and Parameters	<ul style="list-style-type: none"> • Modify server configurations • Describe significant newly added site parameters • Define a new database server • Modify an existing database server • Update default configuration parameters • Add optional configuration parameter

Module 10: Project Planning and Tracking	<ul style="list-style-type: none"> • Define Project Planning and Tracking (PPT) • Set scheduling options • Manually activate PPT • Purge PPT data • Fine-tune PPT database activity
Module 11: Quality Center Sense	<ul style="list-style-type: none"> • Define Quality Center (QC) Sense • Recognize the QC Sense monitors • Set configuration options • Create QC Sense reports
Module 12: Planning Project-level Customizations	<ul style="list-style-type: none"> • Identify the available project-level customizations • Plan project groups and permissions • Determine the entities to customize • Determine new lookup lists to add • Plan the workflow customizations needed for email notifications and defect fields
Module 13: Managing User Groups	<ul style="list-style-type: none"> • Manage a user group • Assign permissions to user groups • Add transition rules • Add a user to a project • Add a user to a user group • Use a template project
Module 14: Customizing Entities	<ul style="list-style-type: none"> • Add user-defined fields to a project • Customize system fields
Module 15: Customizing Requirement Types and Risk-Based Management	<ul style="list-style-type: none"> • Customize default requirements • Add user-defined requirement types • Customize the risk-based quality management criteria
Module 16: Working with the Web Client	<ul style="list-style-type: none"> • Identify parts of a lookup list • Create a lookup list • Update a lookup list • Associate a list to a field
Module 17: Customizing Automail and Alerts	<ul style="list-style-type: none"> • Designate Automail fields for a project • Define Automail conditions • Enable alerts
Module 18: Customizing Key Performance Indicators (KPIs)	<ul style="list-style-type: none"> • Customize key performance indicators (KPIs) • Configure the transitions
Module 19: Creating Business Views and Configuring Sprinter	<ul style="list-style-type: none"> • Create and manage business views • Build graphs from the Business Views user interface • Configure Sprinter
Module 20: Customizing Workflow	<ul style="list-style-type: none"> • Access the ALM workflow page • Customize the Defects module lists • Customize the fields in the Defects module
Module 21: Implementing Workflow Using the Script Editor	<ul style="list-style-type: none"> • Use the elements of the Script Editor • Identify the events in the Script Editor • Add a command button to an ALM module
Lab 22: Administration from A to Z	<ul style="list-style-type: none"> • Describe the lab scenario • Restore, verify, repair, and upgrade a project • Create users and assign them to a project • Assign a user as a Project Administrator

- Create a domain and a template and assign the Template Administrator
- Create empty projects from a template
- Add optional configuration parameters
- Create and set permissions for a user group
- Configure transition rules
- Add an item to a list
- Add a user to a user group
- Hide data from a user group
- Configure automail
- Create a new field and customize workflow in the Defect module
- Create a new requirement type