

Application Lifecycle Management 15.x Site and Project Administration (ALM350-150)

ID ALM350-150 **Price** 4,000.— €(excl. tax) **Duration** 5 days

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Course Overview

This five-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 the A-Z lab.

The hands-on lab exercises in this course use ALM version 15.x.

Who should attend

This course is intended for:

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

Prerequisites

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

- Have working knowledge of Microsoft Windows, websites, and browsers

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

Course Objectives

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

- 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

Course Content

- Course Overview
- Implementation Planning
- Introduction to Site Administration
- Domains and Projects
- Maintaining ALM Projects
- Upgrading a Project
- Managing Users
- Managing Licenses
- Configuring the Server and Parameters
- Project Planning and Tracking
- Quality Center Sense
- Planning Project-level Customizations
- Managing User Groups
- Customizing Entities
- Customizing Requirement Types and Risk-based Management
- Customizing Project Lists
- Customizing Automail and Alerts
- Customizing Key Performance Indicators (KPIs)
- Creating Business Views and Configuring Sprinter

- Customizing Workflow
- Implementing Workflow Using the Script Editor
- Appendix A to Z

Detailed Course Outline

Module 1: Course Overview

- Identify the contents and objectives of the course
- Define the class schedule and class logistics
- Identify the related courses
- Discuss the lab environment details

Module 2: Implementation Planning

- Describe the different ALM editions
- Identify hardware and software considerations for installation
- Summarize the steps necessary for upgrading to ALM 15.x from previous versions

Module 3: Introduction to Site Administration

- Navigate Site Administration
- Understand the structure of a project
- Analyze the Site Analysis data

Module 4: Domains and Projects

- Define domains, projects, and templates
- Create a domain and project
- Define a template and its use
- Verify that the project connects to the database
- Describe how to enable versioning when creating a project

Module 5: Maintaining ALM Projects

- 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

- Identify previous project versions that can be upgraded to ALM 15.x
- Summarize items to consider before upgrading a project
- Verify and repair a project

- Upgrade a project

Module 7: Managing Users

- 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

- Load an ALM license
- Assign licenses to domains and projects
- Assign a named license

Module 9: Configuring the Server and Parameters

- 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

- 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

- Define Quality Center (QC) Sense
- Recognize the QC Sense monitors
- Set configuration options

Module 12: Planning Project-level Customizations

- 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

- 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

- Add user-defined fields to a project
- Customize system fields

Module 15: Customizing Requirement Types and Risk-based Management

- Customize default requirements
- Add user-defined requirement types
- Customize the risk-based quality management criteria

Module 16: Customizing Project Lists

- 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

- Designate Automail fields for a project
- Define Automail conditions
- Enable alerts

Module 18: Customizing Key Performance Indicators (KPIs)

- Customize key performance indicators (KPIs)
- Configure the transitions

Module 19: Creating Business Views and Configuring Sprinter

- Create and manage business views
- Build graphs from the Business Views user interface
- Configure Sprinter

Module 20: Customizing Workflow

- 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

- Use the elements of the Script Editor
- Identify the events in the Script Editor
- Add a command button to an ALM module

Lab 22: Appendix A to Z

- 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

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