Training: Micro Focus

ALM350 - Application Lifecycle Management Site and Project Administration

TRAINING GOALS:

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.

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

This course is intended for:

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

CONSPECT:

- Course Overview

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- Explain the daily classroom schedule and structure
- Review the overall course objectives
- Review the Virtual Instructor-Led Training (VILT) connection

- Implementation Planning
    - 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
- Introduction to Site Administration
    - Navigate Site Administration
    - Understand the structure of a project
    - Analyze the Site Analysis data
- Domains and Projects
    - 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
- 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
- Upgrading a Project
    - 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
- Managing Users
    - Add users to ALM
    - Assign users to projects
    - Assign Site Administrator and/or Project Administrator privileges to a user

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- Configure login authentication
- Configure Smart Card authentication
- Use Single Sign On (SSO)
- Deactivate and delete users
- Interpret the data in Site Connections

- Managing Licenses vLoad an ALM license
  - Assign licenses to domains and projects
  - Assign a named license
- 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
- Project Planning and Tracking
  - Define Project Planning and Tracking (PPT)
  - Set scheduling options
  - Manually activate PPT
  - Purge PPT data
  - Fine-tune PPT database activity
- Quality Center Sense
  - Define Quality Center (QC) Sense
  - Recognize the QC Sense monitors
  - Set configuration options
  - Create QC Sense reports
- 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
- Managing User Groups
  - Manage a user group
  - Assign permissions to user groups
  - Add transition rules

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    - Add a user to a project
    - Add a user to a user group
    - Use a template project
- Customizing Entities
    - Add user-defined fields to a project
    - Customize system fields
- Customizing Requirement Types and Risk-Based Management
    - Customize default requirements
    - Add user-defined requirement types
    - Customize the risk-based quality management criteria
- Working with the Web Client
    - Identify parts of a lookup list
    - Create a lookup list
    - Update a lookup list
    - Associate a list to a field
- Customizing Automail and Alerts
    - Designate Automail fields for a project
    - Define Automail conditions
    - Enable alerts
- Customizing Key Performance Indicators
    - Customize key performance indicators (KPIs)
    - Configure the transitions (KPIs)
- Creating Business Views and Configuring Sprinter
    - Create and manage business views
    - Build graphs from the Business Views user interface
    - Configure Sprinter
- Customizing Workflow
    - Access the ALM workflow page
    - Customize the Defects module lists
    - Customize the fields in the Defects module
- 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
- Administration from A to Z
    - Describe the lab scenario

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- 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

REQUIREMENTS:

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

Difficulty level

CERTIFICATE:

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

This course prepares you also for such related Micro Focus certification exams: HPE AIS – HP0-M101 – HPE Application Lifecycle Management 12.x Software and HPE ASE – HP0-M215P – Advanced HPE Application Lifecycle Management 12.x.Software

TRAINER:

Authorized Micro Focus Trainer

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