



Exam Preparation Guide

HPO-M46: HP Application Lifecycle Management 11.x Software

This guide is to set expectations about the context of the certification exam and to help candidates prepare. Recommended training to prepare for this exam can be found at The Learning Center. It is important to note that although training is recommended for exam preparation, successful completion of the training alone does not guarantee that you will pass the exam. In addition to training, exam items are based on knowledge gained from on-the-job experience and application as well as other supplemental reference material that may be specified in this guide.

HP certification

The HP ExpertONE community is a network of qualified HP channel partners, customers, and employees. These individuals have passed certification exams that validate skills and competencies for credentials offered through the HP ExpertONE program.

Audience

The exam is intended for technical personnel who demo, perform Proof of Concept, and under supervision of a senior consultant will implement, configure, and manage HP Application Lifecycle Management 11.x Software.

Minimum qualifications

To pass this exam, it is recommended that you have at least three months experience with HP Application Lifecycle Management 11.x Software. Exams are based on an assumed level of industry-standard knowledge that may be gained from the training, hands-on experience, or other pre-requisite events.

Relevant certifications

After passing this exam, your achievement may be applied toward more than one certification. To determine which certifications will be credited with this achievement, log into The Learning Center and view the certifications listed on the exam More Details tab. You may be on your way to achieving additional HP certifications.

Exam details

The following are details about this exam:

- Number of items: 67
- Item types: multiple choice and drag-and-drop
- Exam time: 105 minutes
- Passing score: 74%
- Reference material: No on-line or hard copy reference material will be allowed at the testing site.



Comments on the exam

During the exam, participants can make specific comments about the items (i.e. accuracy, appropriateness to audience, etc). HP welcomes these comments as part of our continuous improvement process.

Exam content

The following testing objectives represent the specific areas of content covered in the exam. Use this outline to guide your study and to check your readiness for the exam. The exam measures your understanding of these areas.

HP0-M46	Sections/Objectives
11%	ALM concepts, architecture, and components <ul style="list-style-type: none">Identify and describe terms and concepts.Identify and describe ALM applications and modules.Identify learning aids available in ALM.Describe the basic security model to access ALM.Describe the licensing model for QC/ALM.Describe the ALM client side.
12%	Management terms, concepts, and tools <ul style="list-style-type: none">Define release management terms.Identify and describe release management tools and concepts.Describe and apply project planning concepts and tracking tools.Describe the reporting capability under Project Planning and Tracking.Identify and define library management terms, concepts, and features.Define and describe baselines.View, move, and synchronize folders and libraries.
9%	Requirements implementation and management <ul style="list-style-type: none">Identify and describe requirement characteristics and advantages.View, associate, assign, and validate requirements.Implement requirement coverage.Interpret coverage reports.Leverage Rich Text capabilities and templates in the Requirements module.Describe and configure the Traceability Matrix.
3%	Risk-based testing, steps, and factors <ul style="list-style-type: none">Define and describe risk-based testing.Identify and describe risk-based processing steps and factors used for testing levels.
6%	Test Plan build <ul style="list-style-type: none">Explain the Test Plan tree use and creation.Design and write test steps.Define and use test configurations for a test.



10%	<p>Test Sets plan and execution</p> <ul style="list-style-type: none"> • Describe test execution terms, concepts, and workflow. • Describe test execution functions, status, flow, and best practices. • Explain how to test multiple requirements using a single test. • Run tests.
11%	<p>Defect tracking concepts, features, and best practices</p> <ul style="list-style-type: none"> • Identify and describe tracking concepts, features, and best practices.
3%	<p>Version Control use and configuration</p> <ul style="list-style-type: none"> • Explain how version control is implemented. • Identify and describe entity version control status.
11%	<p>Reports build and data management</p> <ul style="list-style-type: none"> • Explain where data is physically stored in ALM. • Identify and describe administrative data management tasks and tools. • Describe report creation and formats. • Designate, create, and configure graphs.
4%	<p>Business Models module key concepts, terms, and operations</p> <ul style="list-style-type: none"> • Explain key terms and concepts needed for using the Business Models module. • Explain the operation of the Business Models module.
6%	<p>HP Sprinter key concepts and operations</p> <ul style="list-style-type: none"> • Explain key terms and concepts related to Sprinter. • Demonstrate knowledge of using Sprinter's basic features. • Explain ALM's project customization features for Sprinter.
4%	<p>ALM integrations and extensions</p> <ul style="list-style-type: none"> • Describe the functions and uses of the ALM Synchronizer. • Explain the operational principles of the ALM synchronizer. • Identify and describe ALM's integration with supported third-party IDEs.
10%	<p>Project customization</p> <ul style="list-style-type: none"> • Identify use cases for permission customization. • Explain how to customize default permissions. • Describe customization options for system defined entities. • Explain how to configure the Automail feature. • Describe the workflow implementation framework. • Explain the cross project customization shared process and entities. • Explain ALM's concept of a "major" change vs. a "minor" change and why it's important.

Training

Recommended training to help prepare for this exam is accessible in The Learning Center. See the exam attachment, Supporting courses, to view and register for courses. You are not required to take the recommended, supported courses; and completion of training does not guarantee that you will pass the exam. HP strongly recommends a combination of training, thorough review of courseware and additional study references, and sufficient on-the-job experience prior to taking the exam.



Additional study references

This section lists additional courses and documents that can help you prepare for the exam and acquire the knowledge necessary to achieve the associated credential. You must also gain the practical experience outlined in this guide.

Please note: The following materials were available when this document was published. Reference materials are continually updated.

Reference type/title	Source
HP Application Lifecycle Management 11.0 Tutorial	To access the guides, go to: http://support.openview.hp.com/selfsolve/manuals Log in using your HP Passport user ID and password. Note: If you do not have an HP Passport, follow the process to register as a new user.
HP Application Lifecycle Management 11.0 User Guide Chapters 1, 2, 10, and 18 Chapter 14, Pages 310-314	http://support.openview.hp.com/selfsolve/manuals
HP Application Lifecycle Management Administrator Guide Chapters 6, 11, 15, 21, and 22 Chapter 7, Pages 178-184 Chapter 18, Pages 369-377 Appendix B, Pages 155-156	http://support.openview.hp.com/selfsolve/manuals
HP Application Lifecycle Management Synchronizer User Guide Welcome, Pages 7-9 and 9-21	ALM add-ins from the Tool
HP Application Lifecycle Management and Quality Center connector	http://tasktop.com/connectors/hp-alm-quality-center.php

Exam registration

To register for this exam, please go to the exam tab in The Learning Center and click on "Access more information". Visit <http://www.hp.com/go/ExpertONE> for access.

Conclusion

HP wishes you success in passing the exam and joining the HP ExpertONE program.



HP ExpertONE

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