



HP Application Lifecycle Management 11.x Software

Exam description

This exam tests your skills on ALM concepts, architecture, and components, management terms, concepts, and tools, requirements implementation and management, risk-based testing, steps, and factors, Test Plan build, Test Sets plan and execution, defect tracking concepts, features, and best practices, Version Control use and configuration, reports build and data management, Business Models module key concepts, terms, and operations, HP Sprinter key concepts and operations, ALM integrations and extensions, project customization.

Who should take this exam?

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.

Exam contents

This exam has 63 questions. Here are types of questions to expect:

- Multiple choice (multiple responses)
- Multiple choice (single response)
- Drag-and-drop

Tips for taking this exam

You are not required to take the associated courses; however, HP strongly recommends that you complete the training and thoroughly review all course materials and documents before taking the exam. Sufficient on the job experience may also be required.

Objectives

This exam validates that you can successfully perform the following:

Exam ID	HP0-M46
Exam type	Proctored exam taken at dedicated testing center
Exam duration	2 hours 45 minutes
Exam length	63 questions
Passing score	74%
Delivery languages	English, Simplified Chinese, Japanese, Korean
Related certifications	<ul style="list-style-type: none"> • HP AIS - Application Lifecycle Management v11
Supporting courses	<p>These recommended courses help you prepare for the exam:</p> <ul style="list-style-type: none"> • 00878629 - ALM120 – Application Lifecycle Management 11.5 Essentials
Additional study materials	<ul style="list-style-type: none"> • Administrator Guide Chapters 4, 7, 8, 12, 15, 24 and 27 • User Guide Chapters 2 and 18 • HP ALM Synchronizer User Guide v1.42 • Source Code Management Integration for ALI Overview

Register for this Exam

You will need an [HP Learner ID](#) and a Pearson VUE login and password.

During the exam, you can make specific comments about the exam and items. HP welcomes these comments as part of our continuous improvement process.

No online or hard copy reference material will be allowed at the testing site. This exam may contain beta test items for experimental purposes.

	Sections/Objectives
11%	<p>ALM concepts, architecture, and components</p> <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%	<p>Management terms, concepts, and tools</p> <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%	<p>Requirements implementation and management</p> <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%	<p>Risk-based testing, steps, and factors</p> <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%	<p>Test Plan build</p> <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.

For more information

HP ExpertOne: www.hp.com/go/ExpertOne-ContactUs

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