

Alfresco Certified Engineer

Exam Blueprint

Publication Date: 27th September 2011
Version: 1.2

Alfresco
Certification

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About Alfresco Certification

Alfresco is committed to creating a professional certification to compare with the highest standards in the industry. The blueprint identifies the learning objectives and skills covered by the exam and the relative importance given to each.

Exam Format

There are 80 questions on this examination. You are given 60 minutes to complete the exam and 15 minutes to complete the exam sign in form, non-disclosure and other paperwork. A passing score of 75% is needed to be recognized as an **Alfresco Certified Engineer (ACE)**.

About the Alfresco Certified Engineer

Paths to Alfresco Certified Engineer

Before taking the **Alfresco Certified Engineer** exam you should have the following:

- Completed the Alfresco Fundamentals Course
- Completed the Alfresco Web Scripts Course
- Completed the Alfresco Share Configuration Course
- Completed the API Development Training Course
- Completed the Alfresco Workflow Training Course
- Experience developing in JAVA and knowledge of XML, Spring.

Note that there is no formal requirement to complete any training and these are not pre-requisites to taking the exam, but you should ensure that your knowledge matches the learning you would have achieved with the items outlined here and your competency is adequate to develop production Alfresco solutions and systems.

About this Blueprint

The purpose for this exam blueprint is to provide guidance to the content of the **ACE** exam to allow you to prepare for the exam. The exam blueprint is also used by the exam authors to ensure that all the job tasks of an Alfresco developer have been addressed and that competencies are sufficiently well tested.

This blueprint includes test domain weighting, exam objectives and topical content. The topics and concepts are included to clarify the exam objectives. The exam is based upon the knowledge areas to support the job tasks required of an Alfresco developer to be able to successfully develop and deploy production Alfresco systems.

Candidates are tested on their ability to:

- Understand the Alfresco architecture and Repository
- Understand, design and create content models and custom object types and aspects
- Package and deploy Alfresco extensions and modules
- Develop extensions for the Alfresco Explorer Web Client
- Develop applications and Services using the Alfresco APIs (Foundation Services, JCR, Web Services)
- Understand, define, customize and deploy Advance Workflows and Task Models
- Understand how workflows interact with content
- Connect to external applications using Web Services and protocols like SOAP & CMIS

Exam Test Competencies

The table below lists the test competencies that are expected of an Alfresco Certified Engineer and the topic covered by the competency.

Competency	%age of Exam
Architectural Core	39%
Repository	
Foundation Services API	
Javascript API	
Freemarker Templating API	
Subsystems	
Security & Authentication	
Extension Classpath	
Database	
Packaging Extensions	
Repository Customization	22%
Rules, Actions	
Content Modeling	
Transforms, Extractions	
Event Model (Behaviors, Policies)	
Workflow	
Web Scripting	13%
Data Scripts	
Presentation Scripts	
UI Customization	14%
Explorer Customization	
Share Customization	
Web Services	12%
SOAP WS	
REST API	
CMIS	

Question Format

The examinee selects from one or more response options to answer a question. A response is considered correct when it accurately completes the statement or answers the question. Distracters or incorrect answers are plausible response options that examinees with incomplete knowledge are likely to choose.

Test item formats used in this examination may be one of the following:

- **Multiple Choice** — Select one option that best answers the question or completes a statement.
- **Multiple Responses** — Select more than one option that best answers the question or completes a statement. The text states how many options are correct, such as Choose two.
- **Sample Directions** — Read the statement or question. From the response options, select the option(s) that represent the most correct or best answer(s) given the information provided.
- **True/False** — Read the statement or question. Select either true or false as the answer.
- **Hotspot** — allows the user to click on the correct area within an image. There is only one correct answer to this type of question.