



Change Document

Edition 202210

This document provides an overview of the changes from the previous version of EXIN DevOps Master™ (DEVOPSM.EN 201710)

Content

Preparation Guide	3
Literature	3
Exam Specifications	3
Examination Details	4
Other	5
Sample Exam	5
Exam	5
Basic Training Material	5
Practical Assignments	5

Copyright © EXIN Holding B.V. 2022. All rights reserved.
EXIN® is a registered trademark.
DevOps Master™ is a registered trademark.

No part of this publication may be reproduced, stored, utilized or transmitted in any form or by any means, electronic, mechanical, or otherwise, without the prior written permission from EXIN.

Preparation Guide

Literature

Exam literature

- A. The more current literature source: *Accelerate: The Science of Lean Software and DevOps: Building and Scaling High-Performing Technology Organizations* (Forsgren, Humble & Kim, 2021) replaces the literature source *Effective DevOps* (Davis & Daniels, 2016).
- B. The literature source *Continuous Delivery* (Humble & Farley, 2010) has not been replaced. Its contents are still relevant and up to date, as was confirmed by a call with the author.
- C. The literature source *DevOps Continuous Assessment* (Best, 2022) has been added.

Additional literature

- D. The *Success with Enterprise DevOps* (Toda & Mitsui, 2022) whitepaper received an update to improve readability and bring it in line with the refreshed EXIN house style. It has been moved from the exam literature list to the additional literature list. It remains available as a free resource for trainers and candidates to better understand lifecycle management within DevOps.
- E. *Continuous Everything* (Best, 2021) has been added to the additional literature list. It describes many aspects of implementing and managing a DevOps environment. One of the aspects is Continuous Assessment, which has been released as a separate publication and has been made exam literature. This source is meant to broaden the trainer's perspective on this topic.
- F. The *Phoenix Project* (Kim, Behr & Spafford, 2013) remains on the additional literature list and can be used by candidates to better understand the DevOps mindset, or by trainers as context for training or practical assignments.

Exam Specifications

The exam specifications have been updated to reflect both the updated literature sources and new developments in DevOps.

The table below shows a relationship between the former exam requirements (left, grayed out) and the new requirements (right, blue).

Please note that it is not sufficient to use earlier training content based on this comparison. It is important to use the most recent version of the Basic Training Material, which is freely available to accredited partners.

Exam requirements 201710	Exam requirements 202209
1. DevOps adoption	5. Implementing cultural change
2. Planning, requirements, and design	2. Designing a DevOps architecture
3. Development and deployment	1. Implementing continuous delivery 3. Improving product and process
4. Operation and Scaling	4. Using Lean management and monitoring
5. End-of-Life	Removed
	6. Assessing maturity

The global changes to the EXIN DevOps Master™ certification are:

- More focus on being able to introduce DevOps to an organization, which includes both working with C-level roles in the organization (strategic level) and introducing DevOps to a team (tactical level). This distinguishes EXIN DevOps Master™ from EXIN DevOps Professional, which focuses on the operational and tactical level.
- The exam requirements and exam specifications have been updated to fit with the new literature and new insights. For example, more explicit attention is given to Lean practices. The specifications are more descriptive to ensure candidates and trainers understand what a DevOps Master™ must be able to do.
- The concepts of flow, value streams, DevSecOps, DataOps, containerization, and hybrid working have been added to the exam specifications and basic concepts.
 - Flow: candidates are expected to be familiar with the term and able to explain how to improve flow in processes in the organization
 - Value streams: candidates are expected to be familiar with the term and able to explain how to add value for both the business and the customers
 - DevSecOps: security is no longer an afterthought and candidates are expected to understand how to build software or services with security in mind
 - DataOps: candidates are expected to recognize opportunities for better data management and data security
 - containerization: since containerization is the new norm, candidates should know what containerization is, how it works, and what the benefits are
 - hybrid working: teams increasingly work in a hybrid form (partly from home, partly from the office), and candidates should understand the challenges this brings and how to solve them

Examination details

The number of questions has been reduced from 50 questions to 40 questions to be more in line with the other EXIN exams on this level. Consequently, the new pass mark is 26 questions correct (65%) and the exam duration has been adjusted to 90 minutes.

Other

Sample Exam

The sample exam questions are updated to reflect the changes in the Preparation Guide and the latest insights in educational measurement science.

Exam

The exam questions are updated to reflect the changes in the Preparation Guide and the latest insights in educational measurement science.

Basic Training Material

The Basic Training Material has been updated to reflect the changes in the Preparation Guide.

Practical Assignments

The Practical Assignments have been updated to reflect the changes in the Preparation Guide.

e-CF mapping

The e-CF mapping has been updated to reflect the changes in the Preparation Guide and the e-CF Framework.



Driving Professional Growth

Contact EXIN

www.exin.com