



Optimizely Commerce Cloud Developer

Certification Examination Guide 2023

About the Optimizely Certification Examinations

Optimizely's certification exams are developed following industry-accepted standards to ensure validity and reliability. Our certification exams assess knowledge and skill requirements that are considered relevant to our professionals' job roles.

Being certified by Optimizely helps our professionals stay up to date on relevant skills needed to be considered successful in their roles using our products. Additionally, certification through Optimizely helps professionals increase their professional profiles that lead to career advancement and recognition in their fields.

This guide is designed to provide candidates information to help them prepare for the Commerce Cloud Developer Certification exam.

The content of this exam guide is subject to updates and changes. Please check for the latest version at Optimizely Education.

Who Should Take this Exam

The Optimizely Commerce Cloud Developer exam is intended for professionals who build custom websites with Optimizely Commerce Cloud version 14. The exam validates a candidate's ability to do the following:

- Demonstrate knowledge of Optimizely Commerce architecture, platform, and conventions
- Demonstrate an understanding of catalog content model, and template best practices including relations/associations
- Demonstrate proficiency implementing all features of the Commerce platform including the add-on Optimizely Search & Navigation
- Demonstrate knowledge of merchandiser and admin user common tasks and needs
- Demonstrate advanced knowledge in implementing framework components including configuration and initialization process, scheduled jobs, and data storage
- Demonstrate advanced knowledge in implementing wish lists and shopping carts including the check-out flow, recurring orders, fulfillment and returns
- Demonstrate knowledge of implementing and customizing providers for shipping, payments, pricing and tax calculators, promotions and discounts, inventory, and warehouses
- Demonstrate knowledge of authentication and authorization for Commerce users and visitors

- Demonstrate an understanding of deployment options and techniques including to Optimizely DXP cloud hosting and techniques for performance optimization like caching.

Individuals that take the Optimizely Commerce Cloud Developer exam should have one or more years of hands-on experience implementing all components of Optimizely Commerce Cloud version 14 or have completed an authorized training program and practiced at least 80 hours of hands-on lab activities.



Commerce Cloud Developer Examination Information

Exam Name:	Commerce Cloud Developer
Exam Release Date:	2023
Number of Questions:	70
Time Limit:	90 minutes
Item Format:	Single-select multiple-choice
Language Offered:	English
Cost:	\$300 USD
Delivery Method:	PSI; online proctored exam
Scoring:	Pass/Fail

Response Types

The Commerce Cloud Developer exam includes 70 single-select multiple-choice questions. Each question has one correct response and three incorrect responses. Candidates have a total of 90 minutes to complete all questions. Questions will be presented one at a time, with the ability to review previously answered questions.

For each question, the candidate must select the one correct response that best answers the question. Incorrect answers, or distractors, are response options that a candidate with limited knowledge or skill in an area may select as correct. Unanswered questions are scored as incorrect. There is no penalty for guessing.

Pretest Items

The Commerce Cloud Developer exam includes 60 questions that will be included in the candidates' score and 10 items that are not scored. Candidates will not know which questions these are, and the results from these questions will not impact a candidate's score. These pretest questions will be evaluated for future use on new exams.

Score Reporting

The Commerce Cloud Developer exam is a pass or fail exam. The passing mark on the exam is a minimum standard, established by Optimizely Commerce Cloud Subject Matter Experts (SME) and Optimizely Test Developers.

Scores on the Commerce Cloud Developer exam will be reported on a scaled score of 100 to 300 beginning in the 2023 administration year. The passing score will be decided by a panel of experts after a 2022 beta test administration.

The use of scaled scores allows statistical adjustments—or equating—of scores across different versions of the test. The process of equating takes into account the difficulty of the items on each different version of the test, so scores can be compared across versions.

The Commerce Cloud Developer exam results will also include performance within each major content category on the exam. These results help candidates understand their performance in the specific areas of content and are a way of providing general feedback to the candidates. Each reported content area on the exam is comprised of a different number of questions. Some sections may have more questions than others, and the reported performance scores are used to provide general feedback. Caution should be used when interpreting section-level feedback.

The Commerce Cloud Developer exam is non-compensatory, meaning that a candidate does not have to score at a particular level within each of the different content areas on the test. The candidate only needs to pass the overall exam.

Certificate Information

Once a candidate has passed the exam, they will be awarded a digital credential offered through Credly to showcase their achievement. This credential is valid for two years from the date of testing. The candidate will also be able to download an official Commerce Cloud Developer Certificate.

Recertification

If a candidate's certification period is nearing expiration and the candidate wishes to become recertified, the candidate must take an approved Commerce Cloud Developer Certification exam.

Limits on Repeating the Exam

Optimizely is committed to providing a fair and equitable examination program and maintaining the integrity of their exams. Starting with the 2023 examination administrations, test takers who pass the Commerce Cloud Developer exam will not be able to retake the exam until their two-year certification expires. Any candidate who has not passed the examination can retake the certification exam up to three times in a single calendar year.

Exam Specifications

The Commerce Cloud Developer exam questions are developed using a widely accepted systematic process that ensures the relevance, accuracy, readability and quality of each individual question. Exam questions are pulled from a robust item bank, ensuring that questions will vary from one exam to the next. While each exam version is unique, all exams provide a fair and equitable assessment of a candidate's knowledge.

This guide includes the content areas and weighting, or percentage of the test that is covered in each content area. It also provides the objectives of the exam within each content area. The following table lists the main content areas and their weightings. The percentage included for each content area represents the proportion of scored content in the content area on the exam.



Commerce Cloud Developer Exam Specifications

General Content Areas and Associated Weightings

Content Areas	Percent
Content Area 1: Catalog System	20%
Content Area 2: Installation, Operation & Configuration	15%
Content Area 3: Content Cloud Integration	10%
Content Area 4: Promotions & Pricing	20%
Content Area 5: Order Management	20%
Content Area 6: Custom Commerce Implementation	15%
TOTAL	100%

Specifications by Content Area

Content Area	Percentage
Catalog System	20%
Catalog Management	
Managing relations/associations using the UI	
Catalog media	
Creating and editing catalog data	
Structuring Modeling	
Catalog modeling	
Catalog types	
Using Catalog System & Services	
Managing relations and associations using catalog services	
Managing product data	
Connect entry to template	
Connect product/catalog information with data in Content Cloud	
Rendering of catalog content	
Reference converter	
Creating models for catalog in code	
Markets	
Market associations	
Catalog Permissions	
Catalog security	
Installation, Operation & Configuration	15%

Content Area	Percentage
Deployment	
Event system	
Scaling and load balancing	
Performance	
Consequences of design	
Caching	
Performance testing	
Installation	
Upgrading	
Configuration	
Content Cloud Integration	10%
Product Overview	
Authentication and authorization	
Globalization	
Initialization	
Event management	
Commerce scheduled jobs	
Working with IOC	
Content Cloud architecture	
Promotions & Pricing	20%
Promotions	
Definition of promotions (possibilities)	
Calculating discount price	
Promotion events	
Pricing Calculation	
Calculating pricing	
Tax calculation	
Pricing API (provider model)	
Order Management	20%
Shipping	
Shipping providers	
Inventory	
Warehouse/inventory API	
Inventory processing	
Managing inventory	
Order Processing & Manipulation	
Cart and purchase orders	
Order structure modification	
Check-out flow	
DTOs	

Content Area	Percentage
Fulfillment	
Returns	
Recurring orders (payment plans)	
Calculating orders	
Payments	
Authorizing and capturing payments	
PCI compliance	
Built-in payment providers	
Custom Commerce Implementation	15%
Features	
Shipping	
Calculators	
Payment Providers	
Tax Providers	
Pricing	
Promotions	
Catalog	