



Optimizely B2B Commerce Cloud Developer

Reference Material for the 2023 Optimizely B2B Commerce Cloud
Developer Certification Exam

Introduction

This reference guide is meant to help you in your goal to become a certified Optimizely B2B Commerce Cloud Developer. It contains centralized links to key Optimizely documentation that aligns with what is being measured on the certification exam.

Each topic on the certification exam is outlined in this guide with links to documentation to help you review, learn and prepare. The full content outline as well as other exam details are available in the [B2B Commerce Cloud Developer Certification Exam Guide](#).

It is important to note that this reference guide is ancillary support for knowledge that you should already have as a practicing Developer. You should have prior exposure to the product and knowledge through a combination of previous Optimizely training and hands-on experience with the B2B Commerce Cloud product.



Reference Links

Table 1 includes links to resources that are aligned to each of the content areas on the Experimentation Strategist certification exam. Table 2 includes additional general resources not aligned to particular content areas.

As of September 2022, the Optimizely Education team is in the process of migrating to a new website and Optimizely Academy. While we update our information and links about **instructor-led training courses** applicable to this course of study, please email education@optimizely.com with any questions or for more information.

Table 1. Resource links outlined by exam content area.

Architecture		
General Architecture	Libraries	Understanding the development architecture
	The platform	Understanding the development architecture
	Where to store handlers, pipelines, and plugins	Overview of Handlers
		Overview of pipelines
		WIS Installer
	Extensions	Resources for developers
		Getting started with B2B Commerce
	Hosting environments	Infrastructure overview
		Process for provisioning a cloud project
Import/export content	Importing and exporting data	
Customization	Extensibility	Entity extension considerations
	Custom properties	Overview of Custom Properties
	Custom entities	Working with the data model and Entity Framework ORM

	Custom settings	Create custom settings
	Custom tables	Creating custom tables with an entity and WebApi
Building Websites		
Front-End	Spire CMS	B2B CMS Spire
		How to start a Spire project
	Creating widgets	Creating a custom widget in Spire
	Style guides	Working with the CMS Style Guide in Spire
	OOTB widgets	Widgets in Spire
	Blueprints	Understanding blueprint components
Creating new blueprints in Spire		
Licensing & Security	Licensing	Activating a license
	B2B Commerce Security	Security architecture
	appSettings.config	Security architecture -configuration of appsettings
	SSO	Add a new Single Sign-On (SSO) client
Monitor Performance	Back-end performance	Admin API architecture for improved performance
		Performance Considerations
		A guide to improved performance with Optimizely B2B Commerce
	Front-end performance	Monitoring and improving website performance
		A guide to improved performance with Optimizely B2B Commerce
	Admin console settings	Working with Admin Console Settings
Integration	Integration jobs	Integration connectors and jobs

	Connection types	Creating and editing integration jobs
	WIS	Windows Integration Service (WIS)
		Windows Integration Server (WIS) overrides
	Integration processors	Processor integration
Platform Features		
Search	Search settings/config	Search settings
	Search helper classes	Search Elasticsearch Query Builder
	Search document types	Search document types
	Debugging search	Overview of search - search tuning
	Add a custom field to a product document	Customize the search rebuild process
	Search extensions	Search extensions
	Search pipelines	Search pipelines
Third-party search pipelines		
APIs	Headless	Configure email link URL settings in headless mode
		Overview of B2B Commerce + Content Cloud
	Admin API	Admin API architecture
	Storefront API	Getting started with the REST APIs
	Custom APIs	Custom PDF implementation
Authentication	IAuthenticationService	
Third-party Plugins	Payment Gateways	Rules of Engagement: Payment Gateways for B2B Commerce Cloud
		Payment gateway connectors
	Tax integration	Overview of tax calculators

		Tax connectors
		Avalara Tax calculation API call
	Currency conversion	Multi-currency
		Creating a new currency conversion rate
	Shipping carriers	Shipping and fulfillment
		Overview of shipping and carriers
APIs & Extensions		
Handlers & Pipelines	Extending a handler chain	Working with Handlers
		Overview of Handlers
	Adding a pipeline	Overview of pipelines
	Extending a pipeline	Working with pipelines
Complete guide to pipelines		
Rules & Mappers	Using rules engine	Rule Types by context
		Rules engine
	Mappers	Working with modules
		Using APIs in conjunction with promotions and discounts

Table 2. General B2B Commerce Cloud resource links.

General B2B Commerce Cloud Developer Resources		
General	B2B Commerce Cloud API Reference	B2B Commerce Cloud API Reference
	B2B Commerce Cloud Release Notes	Current release information
	B2B Commerce Cloud Glossary	B2B Commerce glossary
	OPTIPEDIA Optimization Glossary	OPTIPEDIA Optimization glossary