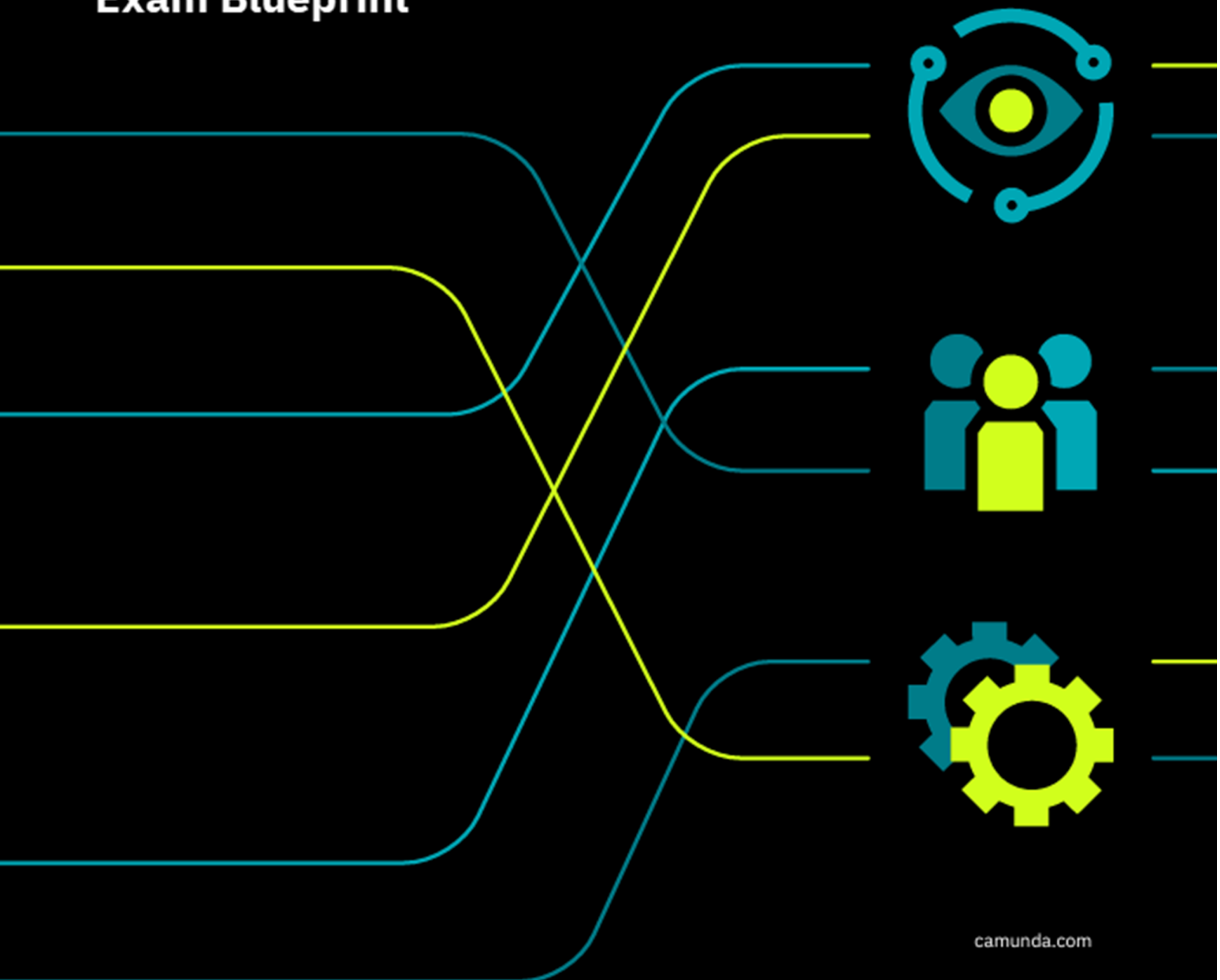




# Camunda 8 Certification Program

**Camunda Certified Professional - Developer**  
**C8-CP-DV**

**Exam Blueprint**



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## Version Control

Blueprint Version	Product Version	Description	Release Date
8.4.0	8.4.0	Initial release of the Exam Blueprint for the Camunda Certified Professional - Developer exam.	18th April 2024
8.4.1	8.4.0	Updated Recommended Learning and Recommended Reading	1st May 2024
8.4.2	8.4.0	Updated Certification Path and Recommended Learning	12th March 2025

## Executive Summary

This Exam Blueprint provides candidates with the information required to prepare for and take the Camunda Certified Professional - Developer (C8-CP-DV) exam.

- **Exam Description**
  - Product Version
  - Candidate Agreement
  - Exam Format
  - Scheduling your Exam
  - Frequently Asked Questions
- **Candidate Description**
  - Responsibilities
  - Recommended IT Knowledge
  - Recommended Camunda Knowledge
- **Exam Topics**
  - Tasks
  - Recommended Learning
  - Recommended Reading

## Exam Description

### Product Version

The current version of the Camunda Certified Professional - Developer exam is based upon Camunda 8.4.0 which was released on 9th January 2024.

### Candidate Agreement

Prior to starting the exam, you will be required to agree to the Camunda Certification - Candidate Agreement. You can view the latest version of this agreement from this [URL](#).

### Exam Format

The format of the Camunda Certified Professional - Developer exam can be found in the table below:

Attribute	Description
Exam (Cost)	\$200 USD
Exam (Duration)	75 Minutes
Exam (Passing Score)	65%
Questions (Type)	Multiple Choice (Single Correct Response - Four Options)
Questions (Number)	60 Questions
Credential (Type)	<a href="#">Credly Digital Badge</a>
Credential (Validity)	2 Years

### Reviewing your Exam

You may mark any question for later review by selecting the “Flag for review” checkbox in the top right-hand corner of the screen. You will have the opportunity to review all your answers before the exam is submitted for assessment.

## Submitting the Exam

If you pass, your results will be included in your completion email. This will be sent to the e-mail address you registered with. If you do not receive this email, please check your junk email folder prior to contacting Camunda.

## Obtaining your Digital Badge

You will also receive an email similar to the following which contains instructions on how to access your Digital Badge.



## Congratulations!



Camunda Certified Professional - Developer  
Issuer: Camunda

Accept your badge

or accept your badge by clicking:  
<https://www.credly.com/go/lhHs1Bms5bs19JT>

Wondering what happens when you accept a badge?

[Learn more.](#)

## Failing the Exam

If you fail, your exam results will be sent to the e-mail address you registered with. This email will include topic results which you can use to target your studies if you wish to retake the exam at a later date.

## Scheduling your Exam

You can find full instructions around how to prepare for and schedule your exam using the [Certification - Scheduling your Exam](#) course in [Camunda Academy](#).

Camunda Partners can access the [Certification - Scheduling your Exam](#) course from [Camunda Academy](#).

## Frequently Asked Questions

Please consult the [Certification FAQs](#) in [Camunda Academy](#) for any further questions on the exam and certification in general.

## Candidate Description

### Summary

Developers use Camunda to design, develop and implement process orchestration solutions to meet their organization's business needs.

Utilizing their skills in BPMN, DMN and a high level programming language such as Java or Go, they work closely with stakeholders to translate requirements into efficient, scalable and resilient process orchestration solutions.

### Responsibilities

- Translate business requirements into Camunda process orchestration solutions
- Access and configure a Camunda environment for development purposes
- Model processes using BPMN
- Model decisions and business rules using DMN
- Configure processes so that they can be executed using Zeebe
- Configure forms to enable user interaction with a process
- Develop job workers using the official Camunda clients
- Develop connectors using the Connector SDK
- Integrate 3rd party applications with Camunda using the Camunda APIs and official clients
- Troubleshoot and resolve issues encountered during the development process

### Example Job Titles

- Software Developer
- Software Engineer
- Software Development Engineer
- Engineer
- Developer
- Programmer
- Backend Engineer
- Frontend Engineer



## Out of Scope

The following responsibilities and tasks have been deemed as out of scope for this exam:

- **Deployment of Camunda 8 Self Managed** - Whilst a Developer may be involved in the deployment and troubleshooting of Camunda 8 Self Managed we will be associating these tasks with the Administrator / Operator role in the Camunda Certification Programme.
- **Optimize (Collections, Dashboards, Reports)** - Whilst these tasks may be performed by Developers in some organizations, we will be associating these tasks with the Business Analyst / Process Analyst role in the Camunda Certification Programme.

## Recommended IT Knowledge

A Developer will typically have the following IT skills and experience:

- At least 2 years of hands-on experience developing software in a professional environment
- Competent in at least one high-level programming language e.g. Java, Go
- Competent with software development tools e.g. IDE
- Competent with all aspects of the Software Development Life Cycle (SDLC) e.g. Analysis, Design, Development, Testing & Deployment
- Familiar with software development techniques and practices e.g. Unit Testing, Refactoring
- Familiar with software architecture patterns and paradigms e.g. Microservices, Event Driven
- Familiar with software development methodologies e.g. Agile, DevOps, Scrum

## Recommended Camunda Knowledge

A Developer will typically have the following Camunda specific skills and experience:

- At least 6 months of hands-on experience developing process orchestration solutions using Camunda 8
- Competent in modeling processes using BPMN
- Competent in modeling decisions and business rules using DMN

## Exam Topics

### Summary

This Exam Blueprint contains the name, description and weighting of all topics which are covered by the exam.

It does not contain a comprehensive list of the content which is covered by the exam. However, a list of common tasks that a Developer would be expected to perform has been added in the sections below along with recommended training and further reading.

Topic Name	Topic Description	Topic Weighting
Modeling	Modeling business processes using BPMN	15%
Configuring Processes	Configuring BPMN processes so that they can be executed by Zeebe	16%
Configuring Decisions & Business Rules	Modeling and configuring Decision Requirements Diagrams (DRDs) and Decision Tables so that they can be executed by Zeebe	12%
Configuring Forms	Configuring forms that allow users to interact with a process	5%
Configuring Connectors	Configuring BPMN processes with reusable, out of the box connectors that can be executed by Zeebe	10%
Developing Extensions & Integrations	Developing extensions and integrations using Camunda SDKs, APIs and official clients	30%
Managing the Development Process	Managing the Camunda development process and lifecycle of Camunda process orchestration solutions	12%

## Modeling

A Developer should be able to perform the following tasks competently in Camunda 8:

- Modeling a business process using Pools & Lanes
- Modeling a business process using User Tasks, Service Tasks, Send Tasks, Receive Tasks, Business Rule Tasks, Script Tasks and Manual Tasks
- Modeling a business process using Parallel Gateways, Exclusive Gateways, Inclusive Gateways and Event-Based Gateways
- Modeling a business process using None Events, Error Events, Escalation Events, Message Events, Signal Events, Timer Events and Terminate Events as a Start, Intermediate or End Event
- Modeling a business process using Subprocesses, Event Subprocesses and Call Activities
- Modeling a business process using the Multi-Instance marker

## Recommended Learning

The following Camunda Academy courses provide further information on the tasks above:

- [BPMN - Overview](#)
- [BPMN - Task Types](#)
- [BPMN - Events](#)
- [BPMN - Participants](#)
- [BPMN - Subprocesses](#)
- [BPMN - Messages & Collaboration](#)
- [BPMN - Data & Artifacts](#)
- [BPMN - Error Handling](#)
- [BPMN - Event Subprocesses](#)
- [BPMN - Compensation](#)
- [BPMN - Inclusive Gateway](#)
- [BPMN - Markers](#)

## Recommended Reading

The following documentation links provide further information on the tasks above:

- <https://camunda.com/bpmn/reference/#participants-pool>
- <https://camunda.com/bpmn/reference/#participants-lane>
- <https://docs.camunda.io/docs/components/modeler/bpmn/tasks/>
- <https://docs.camunda.io/docs/components/modeler/bpmn/gateways/>
- <https://docs.camunda.io/docs/components/modeler/bpmn/events/>
- <https://docs.camunda.io/docs/components/modeler/bpmn/subprocesses/>
- <https://docs.camunda.io/docs/components/modeler/bpmn/multi-instance/>

## Configuring Processes

A Developer should be able to perform the following tasks competently in Camunda 8:

- Configuring User Tasks, Service Tasks, Send Tasks, Receive Tasks, Business Rule Tasks and Script Tasks in a BPMN process so that they can be executed by Zeebe
- Configuring Parallel Gateways, Exclusive Gateways, Inclusive Gateways and Event-Based Gateways in a BPMN process so that they can be executed by Zeebe
- Configuring None Events, Error Events, Escalation Events, Message Events, Signal Events, Timer Events and Terminate Events as a Start, Intermediate or End Event in a BPMN process so that they can be executed by Zeebe
- Configuring Subprocesses, Event Subprocesses and Call Activities in a BPMN process so that they can be executed by Zeebe
- Configuring the Multi-Instance Marker for Tasks in a BPMN process so that they can be executed by Zeebe

## Recommended Learning

The following Camunda Academy courses provide further information on the tasks above:

- [Camunda 8 - Overview](#)
- [Camunda 8 - Demonstration](#)
- [Camunda 8 - Getting Started with Process Modeling](#)
- [How To - Use a Script Task](#)
- [How To - Use Subprocesses & Call Activities](#)
- [How To - Use Timer Events](#)
- [How To - Use the Multi-instance Marker](#)

## Recommended Reading

The following documentation links provide further information on the tasks above:

- <https://docs.camunda.io/docs/components/modeler/bpmn/tasks/>
- <https://docs.camunda.io/docs/components/modeler/bpmn/gateways/>
- <https://docs.camunda.io/docs/components/modeler/bpmn/events/>
- <https://docs.camunda.io/docs/components/modeler/bpmn/subprocesses/>
- <https://docs.camunda.io/docs/components/modeler/bpmn/multi-instance/>

## Configuring Decisions & Business Rules

A Developer should be able to perform the following tasks competently in Camunda 8:

- Modeling decisions and business rules using a Decision Requirements Diagram (DRD)
- Modeling and configuring a Decision Table so that it can be executed by Zeebe
- Configuring the Hit Policy for a Decision Table so that it can be executed by Zeebe

## Recommended Learning

The following Camunda Academy courses provide further information on the tasks above:

- [DMN - Overview](#)
- [DMN - Hit Policies](#)
- [DMN - Advanced DRDs](#)
- [Camunda 8 - Getting Started with Decision Automation](#)

## Recommended Reading

The following documentation links provide further information on the tasks above:

- <https://docs.camunda.io/docs/components/modeler/dmn/decision-requirements-graph/>
- <https://docs.camunda.io/docs/components/modeler/dmn/decision-table/>
- <https://docs.camunda.io/docs/components/modeler/dmn/decision-table-hit-policy/>

## Configuring Forms

A Developer should be able to perform the following tasks competently in Camunda 8:

- Configure forms that allow users to interact with a process

## Recommended Learning

The following Camunda Academy courses provide further information on the tasks above:

- [Camunda 8 - Getting Started with Human Workflow](#)
- [Camunda 8 - Create Advanced Camunda Forms](#)
- [How To - Use the AI Assisted Form Builder](#)

## Recommended Reading

The following documentation links provide further information on the tasks above:

- <https://docs.camunda.io/docs/components/modeler/forms/form-element-library/form-s-element-library/>
- <https://docs.camunda.io/docs/components/modeler/forms/configuration/forms-config-data-binding/>
- <https://docs.camunda.io/docs/components/modeler/forms/configuration/forms-config-options/>
- <https://docs.camunda.io/docs/components/modeler/forms/configuration/forms-config-table-data-binding/>
- <https://docs.camunda.io/docs/components/modeler/forms/configuration/forms-config-templating-syntax/>

## Configuring Connectors

A Developer should be able to perform the following tasks competently in Camunda 8:

- Configuring Connector Secrets in Camunda 8 SaaS or Camunda 8 Self Managed
- Configuring BPMN processes with Inbound and Outbound Connectors that can be executed by Zeebe
- Creating and managing Connector Templates using the Web Modeler so that they can be used in the configuration of BPMN processes

## Recommended Learning

The following Camunda Academy courses provide further information on the tasks above:

- [Camunda 8 - Connectors Overview](#)
- [Camunda 8 - Create Custom Inbound Connectors](#)
- [Camunda 8 - Create Custom Outbound Connectors](#)
- [How To - Customize a Connector Template](#)
- [How To - Generate a Connector Template from an API Specification](#)

## Recommended Reading

The following documentation links provide further information on the tasks above:

- <https://docs.camunda.io/docs/components/connectors/use-connectors/>
- <https://docs.camunda.io/docs/components/connectors/manage-connector-templates/>



## Developing Extensions & Integrations

A Developer should be able to perform the following tasks competently in Camunda 8:

- Configuring FEEL Expressions in BPMN models, DMN models and Forms
- Creating Custom Connectors using the Connector SDK
- Creating Job Workers using the official Camunda Clients
- Developing integrations or custom applications using the Administrator API
- Developing integrations or custom applications using the Operate API
- Developing integrations or custom applications using the Optimize API
- Developing integrations or custom applications using the Tasklist API
- Developing integrations or custom applications using the Web Modeler API
- Developing integrations or custom applications using the Zeebe API (excluding Job Workers and Custom Connectors)

## Recommended Learning

The following Camunda Academy courses provide further information on the tasks above:

- [FEEL - Overview](#)
- [FEEL - Temporals](#)
- [FEEL - Lists](#)
- [FEEL - Contexts](#)
- [FEEL - Control Flow & Advanced Expressions](#)
- [Camunda 8 - Technical Overview](#)
- [Camunda 8 - Getting Started with Microservice Orchestration](#)
- [Camunda 8 - Working with the Zeebe API \(CLI Client\)](#)
- [Camunda 8 - Develop Workers \(Node.js\)](#)
- [Camunda 8 - Develop Workers \(Java\)](#)
- [Camunda 8 - Develop Workers \(Spring Zeebe\)](#)
- [Camunda 8 - Execution Listeners](#)
- [Camunda 8 - Process Communication](#)
- [Camunda 8 - Error Handling](#)
- [Camunda 8 - Manage Process Data](#)

## Recommended Reading

The following documentation links provide further information on the tasks above:

- <https://camunda.github.io/feel-scala/>
- <https://docs.camunda.io/docs/components/connectors/custom-built-connectors/connector-sdk/>
- <https://docs.camunda.io/docs/components/concepts/job-workers/>
- <https://docs.camunda.io/docs/apis-tools/administration-api/administration-api-reference/>
- <https://docs.camunda.io/docs/apis-tools/operate-api/overview/>
- <https://docs.camunda.io/optimize/apis-tools/optimize-api/overview/>
- <https://docs.camunda.io/docs/apis-tools/tasklist-api-rest/tasklist-api-rest-overview/>
- <https://docs.camunda.io/docs/apis-tools/tasklist-api/tasklist-api-overview/>
- <https://docs.camunda.io/docs/apis-tools/web-modeler-api/overview/>
- <https://docs.camunda.io/docs/apis-tools/zeebe-api/overview/>

## Managing the Development Process

A Developer should be able to perform the following tasks competently in Camunda 8:

- Creating and managing projects and resources using the Web Modeler
- Creating and managing client credentials; configuring the Desktop Modeler and Camunda Clients with client credentials
- Deploying, starting and managing Process Instances, Decision Instances and Tasks
- Validation and verification of process orchestration solutions
- Troubleshooting and debugging of process orchestration solutions using Camunda components such as Operate

## Recommended Learning

The following Camunda Academy courses provide further information on the tasks above:

- [Camunda 8 - Process Instance Modification using Operate](#)
- [Camunda 8 - Process Instance Migration using Operate](#)
- [Camunda 8 - Testing Processes](#)
- [How To - Filter for Process and Decision Instances](#)
- [How To - Migrate a Process Instance](#)
- [How To - Handle Process Incidents in Operate](#)

## Recommended Reading

The following documentation links provide further information on the tasks above:

- <https://docs.camunda.io/docs/components/modeler/web-modeler/collaboration/>
- <https://docs.camunda.io/docs/components/console/manage-clusters/manage-api-clients/>
- <https://docs.camunda.io/docs/components/operate/userguide/basic-operate-navigation/>
- <https://docs.camunda.io/docs/components/operate/userguide/selections-operations/>
- <https://docs.camunda.io/docs/components/operate/userguide/delete-finished-instances/>
- <https://docs.camunda.io/docs/components/operate/userguide/resolve-incidents-update-variables/>
- <https://docs.camunda.io/docs/components/operate/userguide/process-instance-modification/>
- <https://docs.camunda.io/docs/components/operate/userguide/delete-resources/>
- <https://docs.camunda.io/docs/components/operate/userguide/process-instance-migration/>
- <https://docs.camunda.io/docs/components/best-practices/development/testing-process-definitions/>
- <https://docs.camunda.io/docs/components/operate/operate-introduction/>