



Certification Guide for:

# CloudBees CD/RO Essentials

Information, Instructions, and Study Guide

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## About This Certification

The CloudBees CD/RO (Continuous Delivery/Release Orchestration) Essentials certification is the foundational first step on the training and certification path for job roles that require knowledge and skill with CloudBees CD/RO . It is a prerequisite for more advanced training and certifications for many of the roles defined in CloudBees University.

The certification is earned by passing a proctored online exam.

### Who is it for?

The CloudBees CD/RO Essentials certification is designed for *everyone* that uses CloudBees, ensuring a conversational understanding of what CloudBees CD/RO can do. Implementation and technical problem solving skills are covered in higher levels of certification.

### Prerequisites

There are no required prerequisites for this certification exam other than a functional knowledge of the basic principles and components of CloudBees CD/RO and Jenkins .

However, it is *strongly* recommended that you take the CloudBees CD/RO Essentials online course through CloudBees University. That course will ensure you have a conversational understanding of what CloudBees CD/RO can do. You should also be familiar with the official CloudBees CD/RO Lexicon for terminology and definitions. You can find that at:

<https://docs.cloudbees.com/lexicon/cloudbees-cd>

### Cost

Registration for the exam costs \$99 USD.

## About the Exam

The exam consists of 50 multiple-choice questions and must be completed in 60 minutes. It is available only as a remote-proctored online exam. Of the 50 questions you will see, 45 of them will count toward your score, while 5 are “field test” questions, which do not count for or against your score.

You can take the exam at any computer with a reliable internet connection. Be advised, however, that you will need to install a browser blocker before the exam, so make sure you have sufficient privileges on the computer you intend to use.

**NOTE: A webcam is required for the online proctored exam.**

Pass/Fail results will be reported immediately upon completion of the exam and you will receive an email with a link to your certificate (that can be shared on LinkedIn) within 10 days.

## Registration and Scheduling the Exam

You should first register for the exam through your CloudBees University profile (preferably after taking the CD/RO Essentials course). You will find the course in your role-based learning and certification path.

Upon registering, you will be given a link to purchase and schedule the exam.

When you purchase and schedule the exam, you will receive an email that will give further instructions and login credentials for the proctored exam site.

**No Shows and Cancellations:** Failure to take the exam at the scheduled time will be considered a “no show”.

**Rescheduling:** If you need to reschedule or cancel the exam, you can do so by logging in to [cloudbees.ysasecure.com](https://cloudbees.ysasecure.com) and selecting the Exams tab.

Please note that rescheduling or cancellation must be completed at least 72 hours prior to your scheduled exam time.

If you have special circumstances that caused you to have to make a change on short notice, you can request special consideration by reaching out to [testingsupport@meazurelearning.com](mailto:testingsupport@meazurelearning.com) or [certifications@cloudbees.com](mailto:certifications@cloudbees.com).

## Accessibility and Accommodations Policy

CloudBees provides special accommodations in accordance with the Americans with Disabilities Act of 1991 (ADA). If a disability prevents you from taking the examination under standard conditions, you may request special accommodations. Written requests explaining the nature of the disability (i.e., the diagnosis), the type of accommodation you feel is appropriate, and any supporting documentation of the diagnosis from a qualified healthcare professional must accompany the registration application. CloudBees reserves the right to request reasonable documentation from healthcare or other professionals to support requests for special accommodations.

For instructions on how to request accommodation, see the FAQ at the end of this Handbook.

## Expiration and Recertification

This certification expires in 3 years from the date of your certificate. This is to ensure you are staying current and up to date on the software and platform, since they evolve over time.

In order to maintain your certification, you will need to Recertify before your certification expires in 3 years.

The recertification requirements for this program are still under review, but will consist of a training requirement. Please check back with CloudBees Certification or related documentation for updates. If you receive the certification before the requirements are posted, we will contact you regarding recertification.

## APPENDIX A: Exam Blueprint

This Exam Blueprint shows the topics (domains) and sub-topics (sub-domains)

Domain	SubDomain
<b>I. Deployment Automation</b> <b>25%</b>	Terminology and Principles
	Features
	Use Cases
	Environment Management
<b>II. Release Orchestration</b> <b>25%</b>	Terminology and Principles
	Features
	Use Cases
	Audit and Compliance
	Release Models
	Release Engineering / Production Support
	Release Workflows
	Release Command Center
	Release calendar
<b>III. Reporting</b> <b>15%</b>	Built-In Dashboards
	Custom Dashboards
	Data Sources
<b>IV. Integrations</b> <b>15%</b>	Pre-Installed Plugins
	Plugin Development Kit
<b>V. Enterprise Team Management and Authorization</b> <b>20%</b>	Access Control
	High Availability
	DSL, API

## APPENDIX B: Practice Questions

Below are five sample questions similar to ones you may encounter on the exam. These are for practice/informational purposes only.

1: Which option displays the state of the environment at a point in time?

- A: Environment Inventory
- B: Environment Snapshot
- C: Environment Tier
- D: Environment Reservation

2: Which of the following is defined as "a top-level container for related procedures, workflows, schedules, jobs, and properties, which is used to isolate different user groups or functions, and also encapsulate shared facilities"?

- A: Agent
- B: Executor
- C: Project
- D: Job

3: What is the term for a period of inactivity before starting a build within a continuous integration system, during which developers can make coordinated check-ins to ensure a build is complete?

- A: Rest
- B: Sleep
- C: Down time
- D: Quiet Time

4: In CloudBees CD/RO, what component allows the reuse of releases by providing a flexible abstraction of pipeline elements that can be assembled in other combinations that are predictable and repeatable?

- A: Release Models
- B: Pipeline Controls
- C: Command Center
- D: A Release Dashboard

5: The CloudBees Analytics server can collect data from external tools such as JIRA and Service Now. Where is this data displayed?

- A: CD/RO Helm Plugin
- B: Operations Center
- C: The Primary Control Center (PCC)
- D: The Release Command Center dashboard

## Answers:

1:A, 2:C, 3:D, 4:A, 5:D

## APPENDIX C: FAQ

- **What is the passing score for the exam?**

We do not publish the passing score, as it may vary depending on the difficulty of the version of the exam you are given. This is common practice among professional credentials.

- **I failed the exam, now what?**

You may re-register and retake the exam. We strongly recommend that you study based on the feedback you get from the score report after the exam.

- **I registered for the exam but I need to reschedule. How do I do that?**

See “Rescheduling” on Page 4 above.

- **My score report after the exam showed “Field Test Items (Unscored)”. What is that?**

Field Test Items are potential future exam questions that we are collecting data on. There are a few mixed into your exam, but they do not count for or against your actual score. b They are for administrative data collection only.

- **I have a disability or medical condition that affects my ability to take an exam. How do I request Special Accommodation?**

See Accessibility and Accommodations on Page 4.

Written requests with a subject line of Exam Accommodation Request should be made to [certifications@cloudbees.com](mailto:certifications@cloudbees.com) explaining the nature of the disability (i.e., the diagnosis) and the type of accommodation you feel is appropriate (such as additional time, etc.).

Your request will be routed to the appropriate persons who will consider your request and who may reach out to you to request supporting documentation of the diagnosis from a qualified healthcare professional.