DevOpsSchool

Course curriculum · November 2026

CLOUDBEES · TRAINING PROGRAM

CloudBees CD RO Training

A practical, hands-on CloudBees CD RO Training curriculum: 152 topics over 3 days. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE **Max 8-10 hours**	CORPORATE **Private team batch, on demand**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	152 topics over 3 days
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/cloudbees/cloudbees-cd-ro.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether CloudBees CD RO Training matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

AGENDA AT A GLANCE · 152 TOPICS OVER 3 DAYS

Day 1

42 topics · CloudBees CD/RO Introduction

Day 2

49 topics · Release Orachestration using CloudBees CD/RO

Day 3

61 topics · Securing CloudBees CD/RO

AGENDA · 152 TOPICS OVER 3 DAYS

CloudBees CD RO Training agenda

Days are for corporate (day-wise) delivery; live online batches cover the agenda in max 8-10 hours.

DAY 1

42 topics

1. CloudBees CD/RO Introduction
2. CloudBees CD/RO Feature & Advantage
3. Advanced, model-based deployment
4. Process-as-code
5. Secure, scalable, and robust architecture
6. Unified object and data model
7. CloudBees CD/RO Architecture
8. CloudBees CD/RO Planing
9. Introduction
10. Use cases
11. CloudBees field-contributed plugins and solutions
12. Kubernetes configuration with internal and external agents
13. Pre-installation checklist for traditional platforms
14. System requirements
15. Installing CloudBees CD/RO
16. Kubernetes installation
17. Traditional installation
18. Graphical UI traditional installation
19. Interactive command-line traditional installation
20. Silent unattended traditional installation
21. Non-server platform UNIX agent installation
22. Remote agent tradition installation
23. Moving the artifact repository in Linux
24. Moving the artifact repository in Windows
25. Connecting CloudBees CD/RO to a Microsoft SQL server
26. Installing the MySQL JDBC driver
27. Uninstalling CloudBees CD/RO
28. Signing in to CloudBees CD/RO
29. Deployment Automation using CloudBees CD/RO
30. Microservice applications
31. Traditional applications
32. Processes
33. Environments
34. Master Components
35. Deployment strategies
36. Property reference use case

37. Creating a project
38. Parameters
39. Full-stack dependency view
40. Configuration drift
41. Attaching credentials to processes
42. Developer task: creating custom plugins

DAY 2 49 topics

43. Release Orachestration using CloudBees CD/RO
44. Introduction
45. Release and Environment Reservations Calendar
46. Visibility and Status of Release Pipelines
47. Release Definition
48. Release Dashboard
49. Planned Versus Actual View
50. Path to Production View
51. Release Summary
52. Running and Ending Releases
53. Pipeline stages and gates
54. Pipeline access control
55. Pipeline tasks
56. Entry and exit gates
57. Pipeline conditions
58. Pipeline start and end stages and stage skipping
59. Wait dependencies
60. Native CI integration
61. Event-based triggers
62. Pipeline UI
63. Defining gate approvals
64. Pipeline objects and conditions
65. Pipeline stage summary
66. Credentials in pipelines
67. Example: Creating a manual task in a pipeline
68. Example: plugin pipeline tasks
69. Example: integrating test automation in release pipelines
70. Example: leveraging test data management and service virtualization in release pipelines
71. Example: Surfacing Jenkins build details in Flow
72. Operating CloudBees CD/RO
73. Signing in to CloudBees CD/RO
74. Guided Tutorials
75. Home page

76. Personas
77. Access control
78. My work dashboard
79. Object list layout
80. Object schedules
81. UI elements
82. Tools and utilities
83. General configuration
84. Data Retention
85. Change tracking
86. Notifications
87. Producing audit reports
88. Configuration drift
89. Plugin management
90. Self-Service Catalogs
91. Horizontal scalability configuration

DAY 3 61 topics

92. Securing CloudBees CD/RO
93. Introduction
94. Access control
95. Credentials and user impersonation
96. Cross-site request forgery protection
97. Maintaining CloudBees CD/RO
98. CloudBees CD/RO server backups
99. Restoring a CloudBees CD/RO Server
100. Changing the database password
101. Switching to an alternate database
102. Switching to the built-in database
103. Maintaining CloudBees Analytics server data
104. Maintaining CloudBees Analytics server data on Kubernetes
105. Apache web server or agent certificates
106. Using chkconfig
107. Starting and stopping servers and agents manually
108. Collecting CloudBees CD/RO logs
109. Web interface online help system
110. CloudBees CD/RO Troubleshooting
111. CloudBees CD/RO server is unresponsive and displays an outofmemory error
112. Windows PHP does not handle time zones correctly
113. CloudBees CD/RO self-signed server certificate fails security scan
114. The AES passkey was accidentally overwritten

115. CloudBees CD/RO CA or intermediate CA certificate expires
116. Linux upgrade breaks symbolic links
117. Built-In database schema on disk is older than required by CloudBees CD/RO server for upgrade
118. Troubleshooting pipelines
119. CloudBees CD/RO Upgrade
120. Upgrading a non-clustered environment
121. Upgrading a clustered environment
122. Upgrading a Kubernetes environment
123. Choosing the correct upgrade method
124. Upgrading remote agents
125. Upgrading the CloudBees Analytics server
126. Configuration settings preserved after an upgrade
127. CloudBees CD/RO Automation Platform
128. Build-test automation
129. Getting started
130. Automation platform setup
131. Automation platform objects
132. Properties
133. Tutorials
134. Using special characters in object names
135. CloudBees CD/RO Automation Platform Tasks
136. Artifact management
137. Database configuration
138. Defect tracking
139. Email configurations and notifiers
140. Event log
141. Home page
142. Jobs
143. Licenses
144. Procedures, steps, and parameters
145. Projects, schedules, and credentials
146. Reports
147. Resources and pools
148. Search
149. Source control
150. Users and groups
151. Workflows
152. Workspaces

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All courses: www.devopsschool.com/courses/

ENROL OR RESERVE A SEAT
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