DevOpsSchool

Course curriculum · November 2026

LEVEL 04 OF 04 · ADVANCED

Urbancode Deploy Advanced Training

Troubleshoot process execution, automate UrbanCode Deploy with CLI and plug-ins and run it reliably at enterprise scale.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **5 days · Days 1-5**	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**

Foundation	Essential	Intermediate	Advanced
1 day · Included	2 days · Included	3 days · Included	5 days · This curriculum

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	47 topics · Foundation to Advanced
Hands-on labs	4 labs
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/urelease/urbancode-deploy-advance-training.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

OUTCOMES

What you will achieve

By the end of the Urbancode Deploy course path, you will be able to:

1

Model deployments

Model components, applications, environments and properties for repeatable deployments.

2

Control releases

Use snapshots, approvals, gates and schedules to promote releases safely.

3

Administer at scale

Secure, automate and operate UrbanCode Deploy with agents, roles, CLI and plug-ins.

WHAT THE ADVANCED LEVEL ADDS

Process execution, CLI, plug-ins and enterprise scale

Hands-on: Capstone: automate an enterprise deployment pipeline. Trigger UrbanCode Deploy from CI with udclient, deploy a snapshot through gated environments with locks and produce an audit report.

WHO SHOULD ATTEND

- Experienced Urbancode Deploy practitioners responsible for quality, security and scale.
- Senior engineers, architects and leads who design and troubleshoot Urbancode Deploy solutions.
- Teams making Urbancode Deploy an organisation-wide standard.

BEFORE YOU START

- The Intermediate level, or equivalent hands-on experience.
- You can already: Administer agents, resources and environments and secure UrbanCode Deploy with realms, roles, tokens and permissions.
- Basic computer skills and a laptop with a stable internet connection for the live sessions and labs.
- This curriculum includes every earlier level, so it is complete on its own.

AGENDA · FOUNDATION TO ADVANCED

Urbancode Deploy Advanced Training agenda

47 topics. Each level builds on the one before it, so this curriculum lists every earlier level in full. Days are for corporate (day-wise) delivery; live online batches cover the same agenda in max 8-10 hours.

DAY 1 — Foundation: Deployment automation concepts, architecture and installation

Included from Foundation

1. Deployment automation: why scripted, repeatable releases replace manual runbooks
2. UrbanCode Deploy overview: product history, its IBM DevOps Deploy successor and typical use cases
3. Architecture: server, database, agents, agent relays and the CodeStation artifact repository
4. Installing the server: prerequisites, supported databases and first login to the web console
5. Installing agents: agent installation on Linux and Windows and connecting to the server
6. Web console tour: Dashboard, Components, Applications, Processes, Resources, Calendar and Settings
7. Core vocabulary: components, versions, processes, applications, environments and resources
8. Importing versions: file system, Artifactory and build tool sources for component versions
9. First component process: download artifacts, a shell step and an install step
10. First deployment: deploying one component to one environment and reading the result
11. Plug-in basics: what automation plug-ins provide and where to find them

DAY 2 — Essential: Object model, processes, snapshots and controlled deployments

Included from Essential

12. uDeploy object model: overview of components, inventory and how they relate to applications
13. Component processes 1: process designer, steps from the plug-in palette and success criteria
14. Properties: system, component, environment, resource and process properties and the p: syntax
15. Reusable component definitions: building components and processes from shared blueprints
16. Component processes 2: switch steps, conditional flows, manual tasks and error handling
17. Applications and application processes: installing multiple components in order
18. Snapshots: overview, creating a snapshot and promoting a tested set of versions
19. Full and incremental deployments: how to execute deployments and choosing between them
20. Comparing environments: inventory differences and version drift across environments
21. Approvals: creating approvals for environments and approval processes
22. Scheduling and gating: how to schedule the deployment and gates that block promotion
23. Application configuration management: shared configuration blueprints and notifications for deployment events

DAY 3 — Intermediate: Agents, resources, environments and security

Included from Intermediate

24. Agents overview: agent properties, status, upgrades and agent relays
25. Resources: the resource tree, mapping components to agents and resource groups
26. Agent pools: grouping interchangeable agents and using pools in environments
27. Resource roles: tagging resources with roles for targeted deployments
28. Licensing: how server and agent licences are counted and monitored
29. Adding a new provider to your configuration: authentication realms such as LDAP or SSO and cloud connections
30. Environment configuration: environment properties, base resources, blueprints and cleanup settings

31. Security authentication: internal, LDAP and SSO authentication realms
32. Security authorization: teams, authorization realms and group mapping
33. Default permissions: permissions granted to new objects and team-based access
34. Tokens: authentication tokens for CLI and REST clients and token expiry
35. Role configuration, UI security and system security: least-privilege roles and protecting system settings

DAYS 4-5 **Advanced: Process execution, CLI, plug-ins and enterprise scale** — **New at this level**

36. Snapshot management: snapshot preview, locking snapshot configuration and comparing snapshots
37. Process requests: how requests are queued, process types and reading execution logs
38. Working directories: the default working directory and controlling agent workspace cleanup
39. Basic commands: everyday server and agent commands for diagnosis and maintenance
40. Locks: process locks and resource locks to prevent conflicting deployments
41. Command line interface: udclient for components, versions, snapshots and deployments
42. REST API automation: triggering deployments from Jenkins, GitHub Actions or Azure Pipelines
43. Plugins: installing, upgrading and writing custom automation plug-ins
44. Reports: deployment, inventory and audit reports for compliance
45. High availability: clustered servers with a shared file system and load balancer
46. Performance and housekeeping: database maintenance, artifact cleanup and agent scaling
47. Capstone: a fully automated, secured release pipeline with gates, approvals and reports

PRACTICE

Hands-on labs

You build these yourself during the course, guided by the trainer.

FOUNDATION

Install UrbanCode Deploy and deploy once

Install a server and an agent, import a component version from the file system and deploy it to a test environment with a simple process.

ESSENTIAL

Promote an application with approvals

Build a multi-component application, create a snapshot and promote it through test and production with an approval and an environment gate.

INTERMEDIATE

Secure environments with teams and roles

Configure LDAP authentication, create teams with role-based permissions, add agent pools and resource roles and verify who can deploy to production.

ADVANCED

Capstone: automate an enterprise deployment pipeline

Trigger UrbanCode Deploy from CI with udclient, deploy a snapshot through gated environments with locks and produce an audit report.

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	All four Urbancode Deploy levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	5 days for this level	A private batch for your team, on demand. Foundation 1 day, Essential 2, Intermediate 3, Advanced 5 (cumulative).	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on labs and assignments at every level. 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 URBANCODE DEPLOY 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 levels of this course: www.devopsschool.com/courses/urelease/

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Urbancode Deploy Advanced Training

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