DevOpsSchool

Course curriculum · November 2026

LEVEL 04 OF 04 · ADVANCED

# Udeploy Advanced Training

Secure uDeploy, automate it through CLI and plug-ins and operate it reliably for many teams and environments.

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|---|---|---|
| LIVE ONLINE<br>**Max 8-10 hours** | CORPORATE (DAY-WISE)<br>**5 days · Days 1-5** | SELF-PACED VIDEO<br>**1-year LMS access** |
| BATCH SIZE<br>**Max 10 learners** | NEXT BATCHES<br>**1st of every month · weekends: first Saturday** | CERTIFICATE<br>**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 | 45 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/udeploy/udeploy-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 Udeploy course path, you will be able to:

1

### Automate application deployments

Build components, processes and applications that deploy consistently to every environment.

2

### Govern every release

Use snapshots, approvals, gates, schedules and notifications to control promotions.

3

### Run uDeploy securely

Administer agents, resources, security, CLI automation and plug-ins for many teams.

WHAT THE ADVANCED LEVEL ADDS

### Security, automation, plug-ins and enterprise operations

**Hands-on:** Capstone: secured and automated uDeploy pipeline. Integrate uDeploy with CI through udclient, secure it with LDAP and team roles, use locks for shared resources and produce deployment reports.

WHO SHOULD ATTEND

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

BEFORE YOU START

- The Intermediate level, or equivalent hands-on experience.
- You can already: Control promotions with approvals, gates and schedules, manage configuration and organise agents and resources for teams.
- 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

# Udeploy Advanced Training agenda

45 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: UDeploy overview, object model and setup

Included from Foundation

1. Overview: what uDeploy (IBM UrbanCode Deploy) automates and where it fits in a CI/CD toolchain
2. uDeploy object model: components, versions, applications, environments, resources and processes
3. Server and agents: server roles, agent communication, agent relays and supported platforms
4. Installation: server prerequisites, database choice, agent installation and first console login
5. Components: creating a component and choosing a source for its versions
6. Inventory: what inventory records and how it shows what is deployed where
7. Component processes 1: designing a first process with download, configure and start steps
8. Resources and agents basics: mapping a component to an agent in the resource tree
9. First deployment: running a component process against a test environment
10. Reading results: process status, step output and basic troubleshooting

## DAY 2 — Essential: Processes, properties, applications and snapshots

Included from Essential

11. Properties: property scopes, the p: lookup syntax and secure properties
12. Reusable component definitions: shared process and property definitions across similar components
13. Component processes 2: conditional switch steps, manual tasks, rollback and failure handling
14. Applications: grouping components into an application and setting environment order
15. Application process: install, uninstall and rollback flows across components
16. Snapshot: capturing a tested set of versions and configuration as a release unit
17. Creating a snapshot: from an environment or by selecting versions and locking them
18. Full deployments and incremental deployments: behaviour, use cases and risks of each
19. How to execute deployments: request options, only-changed versions and deployment parameters
20. Comparing environments: spotting version and configuration differences before release
21. Snapshot preview: checking what a snapshot deployment will change

## DAY 3 — Intermediate: Approvals, gating, configuration and infrastructure

Included from Intermediate

22. Approvals: creating approvals for environments and designing approval processes
23. Gating: environment gates based on version status and promotion rules
24. How to schedule the deployment: calendar, scheduled requests and blackout dates
25. Application configuration management: managing configuration files and configuration blueprints
26. Notifications: notification schemes for approvals, failures and successful deployments
27. Agents: agent properties, upgrades, health and agent relays
28. Resources and resource groups: structuring the resource tree by environment and tier
29. Agent pools: sharing agents across environments and scaling deployments
30. Resource roles: assigning roles to resources for targeted steps

31. Environment configuration: environment properties, base resources and cleanup policies
32. Process request: request lifecycle, queuing and execution logs
33. Process types and default working directory: operational, deployment and configuration processes and agent work paths

**DAYS 4-5** **Advanced: Security, automation, plug-ins and enterprise operations** — **New at this level**

34. Security: authentication and authorization with internal, LDAP and SSO realms
35. Adding a new provider to your configuration: connecting additional authentication or cloud providers
36. Default permissions and role configuration: least-privilege roles for deployers, approvers and admins
37. Tokens: creating and rotating authentication tokens for automation clients
38. UI security and system security: restricting console features and server settings
39. Licensing: licence types, agent licence consumption and monitoring usage
40. Basic commands and command line interface: udclient for versions, snapshots and deployment requests
41. Locks: process and resource locks to stop conflicting deployments
42. Plugins: installing, upgrading and building custom plug-ins
43. Reports: deployment history, audit and security reports for compliance
44. Enterprise operations: clustered servers, backup, upgrades and agent fleet management
45. Capstone: secure, automated multi-team deployments with full audit trail

PRACTICE

## Hands-on labs

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

FOUNDATION

**Deploy a first component with uDeploy**

Install a uDeploy server and agent, create a component with a version from the file system and deploy it to a test resource with a simple process.

ESSENTIAL

**Release an application with snapshots**

Create a three-component application with an install and rollback process, build a snapshot from test and preview and deploy it to staging.

INTERMEDIATE

**Gate production with approvals and schedules**

Add an approval process and a status gate to production, schedule a deployment in a change window and route notifications to the release team.

ADVANCED

**Capstone: secured and automated uDeploy pipeline**

Integrate uDeploy with CI through udclient, secure it with LDAP and team roles, use locks for shared resources and produce deployment reports.

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 Udeploy 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 UDEPLOY 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/udeploy/

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**Udeploy Advanced Training**

WHATSAPP · INDIA
**+91 99057 40781**

WHATSAPP · USA
**+1 (469) 756-6329**

EMAIL
**contact@DevOpsSchool.com**