DevOpsSchool

Course curriculum · November 2026

LEVEL 03 OF 04 · INTERMEDIATE

Octopus Deploy Intermediate Training

Automate Octopus with triggers, runbooks, Git-backed projects and the CLI and API, and administer and troubleshoot the server securely.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **3 days · Days 1-3**	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 · This curriculum	5 days · Next step

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	37 topics · Foundation to Intermediate
Hands-on labs	3 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/octopusdeploy/octopus-deploy-intermediate-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 Octopus Deploy course path, you will be able to:

1

Automate release management

Package, release and promote applications through environments with Octopus Deploy.

2

Operate with runbooks

Automate routine and emergency operations tasks as versioned, auditable runbooks.

3

Scale deployments safely

Run multi-tenant, highly available Octopus setups with governance and advanced release patterns.

WHAT THE INTERMEDIATE LEVEL ADDS

Automation, runbooks, Config as Code and administration

Hands-on: Automate operations with runbooks and Kubernetes. Create a Git-backed project that deploys to Kubernetes, add scheduled runbooks and drive releases from the Octopus CLI.

WHO SHOULD ATTEND

- Regular Octopus Deploy users who want to automate, integrate and manage it at a deeper level.
- Specialists who support Octopus Deploy for colleagues or customers.
- Leads preparing Octopus Deploy for wider use across projects.

BEFORE YOU START

- The Essential level, or equivalent hands-on experience.
- You can already: Package applications from CI, model deployment processes with scoped variables and promote releases through approved lifecycles.
- 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 INTERMEDIATE

Octopus Deploy Intermediate Training agenda

37 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: Octopus architecture, installation and first deployment

Included from Foundation

1. Getting started: introduction to Octopus Deploy and how it complements CI servers
2. Terminology and glossary: spaces, environments, projects, releases, deployments, runbooks, targets and workers
3. Octopus Deploy architecture: Octopus Server, SQL Server database, Tentacle, Calamari and built-in package feed
4. How Octopus Deploy works: packages, release snapshots, lifecycle promotion and execution on targets
5. Octopus Cloud overview: hosted instances, data handling, static IP addresses and permissions
6. Installation requirements: Windows Server or Linux container host, SQL Server database and service permissions
7. Installing Octopus Server and Tentacles: listening versus polling Tentacles, first login and licence
8. Octopus as a container: running Octopus Server with Docker Compose and SQL Server
9. Environments and deployment targets: creating environments and adding machines with target tags
10. First Octopus deployment: package an app, create a project, define the process, create a release and deploy
11. First Octopus runbook run: create a runbook, publish it and run it against an environment
12. Best practices of Octopus Deploy: environment naming, small focused projects and variables over hard-coding

DAY 2 Essential: Packaging, projects, variables and lifecycles

Included from Essential

13. Octopus Deploy packaging applications: creating zip, NuGet and tar packages with the Octopus CLI
14. Package repositories: built-in repository, external NuGet, Docker, Maven and GitHub feeds, supported types
15. Build server integration: GitHub Actions, Azure DevOps, Jenkins, TeamCity and Bamboo pushing packages and build info
16. Octopus Deploy projects: project groups, the deployment process and project recommendations
17. Steps: deploy a package, run a script, IIS websites and application pools, Windows services, configuration files
18. Built-in and community step library: using built-in steps, community library steps and exporting or importing projects
19. Variables: scoping by environment, target tag and machine, sensitive variables and substituting variables in files
20. Configuration transforms: XML and JSON configuration variables and environment-specific transforms
21. Lifecycles and channels: phases, automatic promotion and release channels for hotfixes
22. Approvals: manual intervention steps, guided failures and email notifications
23. Infrastructure: working with deployment targets, environments, accounts and workers in Octopus Cloud
24. Cloud targets: Azure Web Apps, AWS and Azure accounts, cloud regions and SSH targets

DAY 3 Intermediate: Automation, runbooks, Config as Code and administration

New at this level

25. Custom reusable steps: creating custom steps with parameters, versioning them and updating usages
26. Project triggers: deployment target triggers, scheduled triggers and automatic release creation
27. Coordinating multiple projects: Deploy a Release step, running steps in parallel and rolling deployments
28. Runbooks for operations: scheduled runbooks, prompted variables, script modules and the script console
29. Config as Code: version-controlled projects in Git, branches, OCL files and pull-request workflows
30. Octopus CLI and API: the octopus CLI and octo.exe, Octopus.Client, the REST API and creating API keys

31. Kubernetes deployments: the Kubernetes agent, YAML, Helm and Kustomize steps
32. Workers and worker pools: dynamic workers, running steps on the Octopus Server and Calamari execution
33. Security: users, teams, user roles, spaces, Active Directory or Entra ID sign-in and HTTPS for the web portal
34. Troubleshooting the Octopus installation: raw task logs, debugging variables, listening Tentacles and request logging
35. Automating Octopus installation: silent installs, Octopus.Server.exe commands and the Terraform provider
36. Service accounts: permissions for the Octopus Windows service, Managed Service Accounts (MSA) and Tentacle users
37. Package transfer: delta compression, offline package drop, staged uploads and custom installation directories

PRACTICE

Hands-on labs

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

FOUNDATION

Deploy your first release with Octopus

Install Octopus Server and a Tentacle, create Dev and Test environments, and deploy a packaged web app through both.

ESSENTIAL

Build a promoted multi-environment release

Push packages from a CI build, configure scoped variables, a lifecycle with manual approval and configuration transforms, and promote a release to production.

INTERMEDIATE

Automate operations with runbooks and Kubernetes

Create a Git-backed project that deploys to Kubernetes, add scheduled runbooks and drive releases from the Octopus CLI.

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 Octopus 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)	3 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 OCTOPUS 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/octopusdeploy/

ENROL OR RESERVE A SEAT
Octopus Deploy Intermediate Training

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Next step after this level: Octopus Deploy Advanced Training - Run multi-tenant deployments, advanced release patterns and a highly available, audited Octopus platform for many teams.