DevOpsSchool

Course curriculum · November 2026

LEVEL 01 OF 04 · FOUNDATION

Kubespray Foundation Training

Prepare control and target hosts, write a Kubespray inventory and deploy a working multi-node Kubernetes cluster with cluster.yml.

LIVE ONLINE **Max 8-10 hours**	CORPORATE (DAY-WISE) **1 day · Day 1**	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 · This curriculum	2 days · Next step	3 days · Later	5 days · Later

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	11 topics · Foundation
Hands-on labs	1 lab
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/kubespray/kubespray-and-foundation-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 Kubespray course path, you will be able to:

1

Deploy Kubernetes with Ansible

Build repeatable multi-node Kubernetes clusters with Kubespray inventories and playbooks.

2

Operate the cluster lifecycle

Scale, upgrade, reset and troubleshoot Kubespray clusters with minimal disruption.

3

Run production-grade clusters

Design highly available, hardened and air-gapped clusters and automate their lifecycle.

WHAT THE FOUNDATION LEVEL ADDS

Kubespray architecture, prerequisites and first cluster

Hands-on: Deploy a three-node cluster with Kubespray. Prepare one control node and three Linux VMs, build an inventory and run cluster.yml to get a working cluster with one control plane, etcd and two workers.

WHO SHOULD ATTEND

- Beginners and working professionals who are new to Kubespray and want a solid, hands-on start.
- Engineers, analysts, testers and students preparing to use Kubespray on real work.
- Leads and managers who want first-hand familiarity with Kubespray.

BEFORE YOU START

- No prior Kubespray experience is needed.
- 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

Kubespray Foundation Training agenda

11 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: Kubespray architecture, prerequisites and first cluster

New at this level

1. What Kubespray is: Ansible playbooks from kubernetes-sigs for production-ready Kubernetes on bare metal, VMs and clouds
2. Kubespray compared with kubeadm, kOps, Cluster API and managed services: when each one fits
3. Architecture: Ansible control node, inventory groups kube_control_plane, kube_node, etcd and k8s_cluster
4. Supported platforms: Linux distributions, Kubernetes version matrix per Kubespray release and release branches
5. Prerequisites: SSH key access, sudo, Python on targets, IPv4 forwarding, firewall ports and time sync
6. Control node setup: cloning the repo, checking out a release tag, Python venv and pip install -r requirements.txt
7. Container option: running Kubespray from the official container image instead of a local Ansible install
8. Inventory: copying the bundled example inventory to inventory/mycluster and writing hosts.yaml with ansible_host and ip
9. Deploying the cluster: ansible-playbook -i inventory/mycluster/hosts.yaml --become cluster.yml
10. First checks: fetching admin.conf, kubectl get nodes, system pods, CoreDNS and the default Calico network
11. Local practice environments: Vagrant and VM-based clusters for repeatable learning

PRACTICE

Hands-on labs

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

FOUNDATION

Deploy a three-node cluster with Kubespray

Prepare one control node and three Linux VMs, build an inventory and run cluster.yml to get a working cluster with one control plane, etcd and two workers.

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 Kubespray levels, plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate (day-wise)	1 day 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 KUBESPRAY 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/kubespray/

ENROL OR RESERVE A SEAT
Kubespray Foundation Training

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Next step after this level: Kubespray Essential Training - Customise a Kubespray cluster through group_vars: runtime, CNI, DNS, add-ons and node roles, and redeploy it predictably.