DevOpsSchool

Course curriculum · November 2026

LEVEL 01 OF 04 · FOUNDATION

Openstack Foundation Training

Understand what OpenStack is and is not, how its core services fit together, and how a request flows through the cloud.

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/openstack/openstack-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 Openstack course path, you will be able to:

1

Understand OpenStack architecture

Explain how Keystone, Nova, Glance, Neutron, Cinder, Swift and Horizon work together.

2

Operate cloud resources

Manage identity, instances, volumes, objects, images and networks from Horizon and the CLI.

3

Automate private clouds

Orchestrate stacks with Heat, collect telemetry and plan production OpenStack deployments.

WHAT THE FOUNDATION LEVEL ADDS

OpenStack introduction, architecture and core services

Hands-on: Explore a running OpenStack cloud. Log in to Horizon and the openstack CLI, list services and endpoints and trace which services handle a new server request.

WHO SHOULD ATTEND

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

BEFORE YOU START

- No prior Openstack 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

Openstack 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: OpenStack introduction, architecture and core services

New at this level

1. Introduction to OpenStack: welcome, the OpenInfra community and six-month named releases such as 2025.1 Epoxy
2. Next-gen OpenStack data centres: private cloud, telco and edge use cases and hybrid cloud
3. Understanding the components that make up the cloud: compute, networking, storage, identity, images and dashboard
4. What OpenStack is not: the history from NASA and Rackspace and comparison with public clouds and hypervisor suites
5. Architecture workflow: how a server create request flows through Keystone, Nova, Glance, Neutron and Cinder
6. Nova (compute): API, scheduler, conductor and nova-compute services on hypervisor hosts
7. Swift (storage): accounts, containers and objects at a glance
8. Core service map: Glance images, Cinder block storage, Neutron networking, Horizon dashboard, Keystone identity
9. Shared infrastructure: RabbitMQ message queue, MariaDB database, memcached and API endpoints
10. Interfaces: Horizon, the unified openstack CLI, REST APIs and clouds.yaml
11. First login: sourcing an openrc file, openstack token issue and openstack catalog list

PRACTICE

Hands-on labs

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

FOUNDATION

Explore a running OpenStack cloud

Log in to Horizon and the openstack CLI, list services and endpoints and trace which services handle a new server request.

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 Openstack 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 OPENSTACK 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/openstack/

ENROL OR RESERVE A SEAT
Openstack Foundation Training

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Next step after this level: Openstack Essential Training - Build your own OpenStack with DevStack, choose a distribution, and manage projects, users, roles and the service catalogue.