DevOpsSchool

Course curriculum · November 2026

FOUNDATION LEVEL

Linux Fundamentals Serves Training

Navigate a Linux system confidently, manage files and partitions, check system resources and work with remote machines over SSH.

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
1 day · This curriculum

INSIDE THIS CURRICULUM

What you will achieve	Outcomes and level focus
Who should attend	Audience and prerequisites
Agenda	13 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/linux/linux-fundamentals-serves.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 Linux Serves course path, you will be able to:

1

Work fluently on Linux

Use the Linux shell, filesystem, vim and remote access tools for daily engineering work.

2

Automate and version work

Write Bash scripts and manage code with Git, commits and patches.

3

Build native and cross

Compile, link and debug C code with gcc, Make and cross toolchains for embedded targets.

WHAT THE FOUNDATION LEVEL ADDS

Linux concepts, filesystem and core commands

Hands-on: Explore and manage a Linux system. Organise a project directory tree, archive it with tar, mount a second disk, check CPU and memory usage and copy the archive to a remote host over SSH.

WHO SHOULD ATTEND

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

BEFORE YOU START

- No prior Linux Serves 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

Linux Fundamentals Serves Training agenda

13 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: Linux concepts, filesystem and core commands

New at this level

1. What is an OS and the need: kernel, processes, memory, devices and the user space
2. What is Linux: the Linux kernel, distributions and the shell as the user interface
3. Linux directory structure: the filesystem hierarchy, /bin, /etc, /home, /var, /usr, /dev and /proc
4. Types of files in Linux: regular files, directories, links, character and block devices, sockets and pipes
5. Commonly used commands: ls, pwd, cd, cat, less, head, tail, echo, which, man and history
6. File and directory commands: cp, mv, mkdir, rm, touch, find and shell wildcards
7. Zipping and unzipping directories: tar, gzip, bzip2, zip and unzip
8. System information: CPU and memory details with lscpu, /proc/cpuinfo, free, top and uname
9. Symbolic links: ln -s, hard links versus symbolic links and readlink
10. Mounting and unmounting partitions: lsblk, mount, umount, df and /etc/fstab
11. Connecting to a remote system: ssh, key pairs and ssh-copy-id
12. Sending a file over the network: scp, sftp and rsync
13. Exercises: hands-on practice of every command on a lab machine

PRACTICE

Hands-on labs

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

FOUNDATION

Explore and manage a Linux system

Organise a project directory tree, archive it with tar, mount a second disk, check CPU and memory usage and copy the archive to a remote host over SSH.

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	Every available Linux Serves level, 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 LINUX SERVES 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/linux/

ENROL OR RESERVE A SEAT **Linux Fundamentals Serves Training**	WHATSAPP · INDIA **+91 99057 40781**
WHATSAPP · USA **+1 (469) 756-6329**	EMAIL **contact@DevOpsSchool.com**