DevOpsSchool

Course curriculum · November 2026

LEVEL 01 OF 04 · FOUNDATION

Docker Security Training Foundation Training

Explain the Docker security model, its kernel isolation features and the main risks, and check the security posture of a running host.

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	**Essential** 2 days · Next step	**Intermediate** 3 days · Later	**Advanced** 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/docker/docker-security-training-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 Docker Security Training course path, you will be able to:

1

Apply kernel-level controls

Use namespaces, cgroups, capabilities, seccomp, AppArmor and SELinux to isolate containers on a Docker host.

2

Build trusted, hardened images

Write secure Dockerfiles, scan and audit images, and pull only signed images from trusted registries.

3

Monitor and respond at runtime

Detect runtime threats with Falco and logging, and respond to container incidents with a repeatable process.

WHAT THE FOUNDATION LEVEL ADDS

Docker security challenges and architecture

Hands-on: Inspect container isolation on a host. Start containers with default and privileged settings, compare their namespaces, capabilities and security options, and record the differences.

WHO SHOULD ATTEND

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

BEFORE YOU START

- No prior Docker Security Training 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

Docker Security Training 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: Docker security challenges and architecture

New at this level

1. Understanding Docker security challenges: shared kernel, image supply chain, daemon privileges and container sprawl
2. Protecting your Docker containers: defence in depth across host, daemon, image, application runtime and code
3. Understanding Docker architecture: Docker daemon, CLI, containerd, runc and the Docker Registry from a security view
4. Kernel namespaces: pid, net, mnt, ipc, uts and user namespaces and the isolation each one provides
5. Control groups: CPU, memory, pids and block I/O controllers and how Docker applies them
6. Linux kernel capabilities (libcap): capsh and getpcaps, the default Docker capability set
7. SELinux, AppArmor and seccomp: mandatory access control and system call filtering in plain terms
8. Docker security levels: host and runtime security, application runtime security and code level security
9. Installing Docker securely: official repositories, package signature checks and the rootless install option
10. First posture checks: docker info security options, docker inspect for Privileged, CapAdd and SecurityOpt
11. Running in super privileged mode: what --privileged grants, device access and why to avoid it

PRACTICE

Hands-on labs

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

FOUNDATION

Inspect container isolation on a host

Start containers with default and privileged settings, compare their namespaces, capabilities and security options, and record the differences.

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 Docker Security Training 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 DOCKER SECURITY TRAINING 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/docker/

ENROL OR RESERVE A SEAT
Docker Security Training Foundation Training

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Next step after this level: Docker Security Training Essential Training - Apply namespaces, cgroups, capabilities, seccomp and AppArmor controls to containers and add logging, monitoring and signed image pulls.