DevOpsSchool

Course curriculum · November 2026

DOCKER · TRAINING PROGRAM

Implementing Security with Docker Containers

A practical, hands-on Implementing Security with Docker Containers curriculum: 65 topics over 3 days. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE **Max 8-10 hours**	CORPORATE **Private team batch, on demand**
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**

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	65 topics over 3 days
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.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether Implementing Security with Docker Containers matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

AGENDA AT A GLANCE · 65 TOPICS OVER 3 DAYS

Day 1

20 topics · Understanding Docker Security Challenges

Day 2

14 topics · Docker Security Level - Application Runtime

Day 3

31 topics · Docker Security Best Practices

AGENDA · 65 TOPICS OVER 3 DAYS

Implementing Security with Docker Containers agenda

Days are for corporate (day-wise) delivery; live online batches cover the agenda in max 8-10 hours.

DAY 1

20 topics

1. Understanding Docker Security Challenges
2. Protecting Your Docker Containers
3. Understanding Docker Architecture
4. Kernel namespaces
5. Control groups
6. Docker daemon
7. Linux kernel capabilities(libcap)
8. SELinux, AppArmor, and SecComp
9. Docker Registry
10. Docker Security Level - Docker Host & Runtime Security
11. Kernel namespaces & Security Aspects
12. Control groups & Security Aspects
13. Docker daemon attack surface
14. Linux kernel capabilities & Security
15. Docker Content Trust Signature Verification
16. Seccomp security profiles for Docker
17. AppArmor security profiles for Docker
18. Other kernel security features
19. Docker Logging
20. Docker Monitoring

DAY 2

14 topics

21. Docker Security Level - Application Runtime
22. Treats during Application Runtime
23. Understand why Docker Application Runtime important?
24. Tools for Docker Application Runtime
25. Sysdig Falco
26. seccomp
27. AppArmor / SELinux
28. Falco
29. Docker Security Level - Code-Level Security
30. What is Code-Level Security?
31. Why Code-Level Security?
32. Tools for Docker Code-Level Security
33. Fortify

34. SonarQube

DAY 3 31 topics

35. Docker Security Best Practices
36. Use trusted images
37. Use overlay networks
38. Limit the Resource Utilization
39. Running in Super-Privileged Mode
40. Docker Image Hardening Standard
41. Container Privileges
42. Dockerfile Security
43. Auditing Docker Images
44. Do not expose unused ports
45. Do not run ssh within containers
46. Do not share the host’s network namespace
47. Manage memory and CPU usage of containers
48. Set on-failure container restart policy
49. Mount container’s root filesystem as read only
50. Unbounded network access from containers
51. Top open-source tools for Docker security
52. Docker Bench for Security
53. Clair
54. Cilium
55. Anchore
56. OpenSCAP Workbench
57. Dagda
58. Notary
59. Grafaes
60. Sysdig Falco
61. Banyanops Collector
62. Dockscan
63. Batten
64. BlackDuck Docker security
65. Inspec

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	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. 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 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 courses: www.devopsschool.com/courses/

ENROL OR RESERVE A SEAT
Implementing Security with Docker Containers

WHATSAPP · INDIA
+91 99057 40781

WHATSAPP · USA
+1 (469) 756-6329

EMAIL
contact@DevOpsSchool.com

More Docker training: www.devopsschool.com/courses/docker/