DevOpsSchool

Course curriculum · November 2026

DOCKER · CERTIFICATION-FOCUSED PROGRAM

Docker Certified Associate (DCA)

A practical, hands-on Docker Certified Associate (DCA) curriculum: 77 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	77 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-certified-associate-dca.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 Docker Certified Associate (DCA) 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.

Preparing for the exam? This course follows the official exam objectives and includes mock exams. DevOpsSchool is an independent training provider and is not affiliated with Docker, Inc..

AGENDA AT A GLANCE · 77 TOPICS OVER 3 DAYS

Day 1
28 topics · Course Introduction

Day 2
28 topics · Orchestration

Day 3
21 topics · Security

AGENDA · 77 TOPICS OVER 3 DAYS

Docker Certified Associate (DCA) agenda

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

DAY 1

28 topics

1. Course Introduction
2. About the Training Architect
3. Course Features and Tools
4. Docker Community Edition Installation and Configuration
5. Introduction to Docker Community Edition
6. Installing Docker on CentOS
7. Installing Docker on Ubuntu
8. Selecting a Storage Driver
9. Running a Container
10. Upgrading the Docker Engine
11. Configuring Logging Drivers (Splunk, Journald, etc.)
12. Introduction to Docker Swarm
13. Configuring a Swarm Manager
14. Configuring Swarm Nodes
15. Docker Swarm Backup and Restore
16. Namespaces and Cgroups
17. Installing and Configuring the Docker Engine
18. Building a Docker Swarm
19. Image Creation, Management, and Registry
20. Introduction to Docker Images
21. The Components of a Dockerfile
22. More Dockerfile Directives
23. Building Efficient Images
24. Flattening a Docker Image to a Single Layer
25. Introduction to Docker Registries
26. Using Docker Registries
27. Creating Your Own Docker Image
28. Building a Private Docker Registry

DAY 2

28 topics

29. Orchestration
30. Locking and Unlocking a Swarm Cluster
31. High Availability in a Swarm Cluster
32. Introduction to Docker Services
33. Using docker inspect
34. Docker Compose

35. Introduction to Docker Stacks
36. Node Labels
37. Building Services in Docker
38. Building a Docker Application Stack
39. Storage and Volumes
40. Docker Storage in Depth
41. Configuring DeviceMapper
42. Docker Volumes
43. Image Cleanup
44. Storage in a Cluster
45. Using Volumes in Docker Containers
46. Using Storage Volumes with Docker Swarm
47. Networking
48. Docker Networking
49. Built-In Network Drivers
50. Creating a Docker Bridge Network
51. Deploying a Service on a Docker Overlay Network
52. Exposing Containers Externally
53. Network Troubleshooting
54. Configuring Docker to Use External DNS
55. Using a Docker Bridge Network
56. Deploying a Service on an Overlay Network

DAY 3 21 topics

57. Security
58. Signing Images and Enabling Docker Content Trust
59. Default Docker Engine Security
60. Docker MTLS
61. Securing the Docker Daemon HTTP Socket
62. Working with Docker Content Trust
63. Docker Enterprise Edition
64. Installing Docker EE
65. Setting up Universal Control Plane (UCP)
66. Security in UCP
67. Setting Up Docker Trusted Registry (DTR)
68. Sizing Requirements for Docker, UCP, and DTR
69. Configuring Backups for UCP and DTR
70. DTR Security Features
71. Managing Certificates with UCP and DTR
72. Wrap-Up
73. How to Prepare for the Exam

74. What's Next After Certification?
75. Get Recognized
76. Practice Exam - Docker Certified Associate
77. Docker Certified Associate (DCA) - Practice Exam

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
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