

Docker Deep Dive

Master the use of Docker and containerization in this comprehensive training program.

Category: Cloud · Duration: 3 days

WHO IT IS FOR

- DevOps engineers, SREs and ops teams
- Practitioners who already use it daily and want to go further

This Docker Deep Dive training program is designed to provide extensive knowledge and hands-on experience with Docker and containerization. Participants will gain a deep understanding of Docker architecture, docker-compose, Docker networking, and Docker Swarm, among other advanced topics. By the end of this training, attendees will be able to confidently leverage Docker for efficient software deployment and management.

Prerequisites

Basic knowledge of Linux and software development.

Syllabus

- Introduction to Docker
- Docker Installation
- Docker Architecture
- Working with Docker Images
- Docker Networking
- Docker Volumes
- Docker Compose
- Docker Swarm
- Docker Security
- Managing Docker Containers
- Docker Orchestration
- CI/CD with Docker
- Scaling Applications with Docker
- Docker Monitoring and Logging
- Docker Troubleshooting

- Best Practices for Docker Deployment
- Docker and Cloud Services Integration
- Case Studies and Practical Exercises
- Project Workshops
- Q&A and Wrap-Up Session