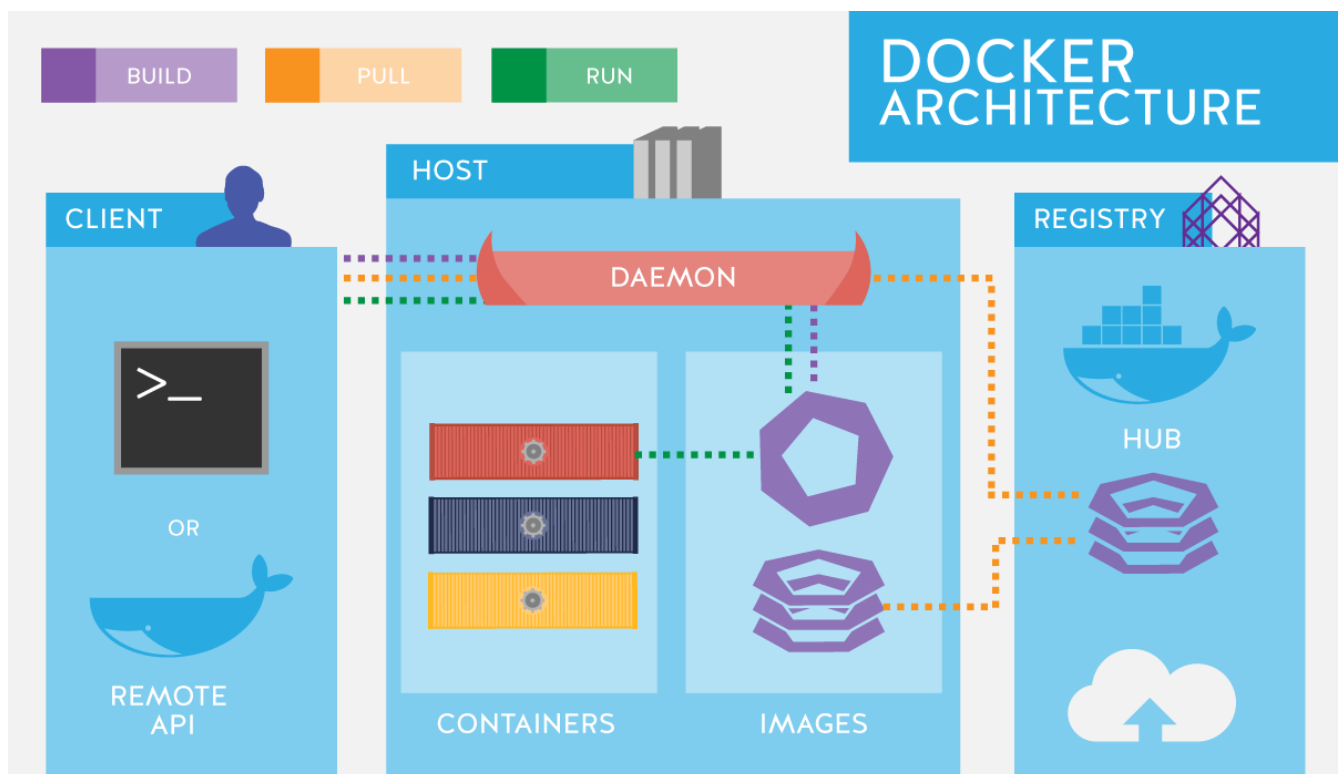




LEARN, THINK, INNOVATE

DOCKER CERTIFICATION



Overview

Let eMexo Technologies Best **Docker Training in Electronic City Bangalore** take you from the fundamentals of Docker to Advance Docker and make you an expert in developing real-time Docker applications. Here are the major topics we cover under this Docker course Syllabus: **Introduction to Containerization, The Docker Engine, Image Management & Registry, Storage in Docker, Orchestration in Docker, Networking & Security, Docker EE and Monitoring, and Docker with Kubernetes**. Each topic will be covered in a practical way with examples for our Docker Course in Electronic City Bangalore.

All the topics will be covered with Practical and hands-on training. Our trainers have industry experience with live project experience in cutting-edge technologies they teach. We hire only the Best Docker industry specialists as trainers for our Docker Certification Training in Electronic City Bangalore.

If you are looking for a **Docker Certification Course in Electronic City Bangalore**, eMexo Technologies is the Best Docker Training Institute in Electronic City Bangalore. Come over to our training institute for a free demo class. Let our trainer give you a demo on Docker and only then do you take the decision to enroll in the training program.

Training Features

Real-life Case Studies

Do a real-life case study to understand the usage in real-world scenarios.

Assignments

Each class will be followed by a practical assignment which can be completed before the next class.

Preparation for interview

Our trainers are professionals working in multinational corporations. They are experts in their field and know exactly what the interviewer will look for in the candidate. Experienced trainers not only share interview questions but also conduct mock interviews to help prepare for the actual interview.

Key Features

eMexo Technologies offers the **Best Docker Training Course in Electronic City Bangalore** with the TOP industry expert trainers.

Here are the key features.

- ★ Free Demo Class Available
- ★ Practical Approach

- ★ Expert & Certified Trainers
- ★ 100% Job Oriented Training
- ★ Real World use cases and Scenarios
- ★ Completed 500+ Batches
- ★ Certification Guidance

Unit 1: Introduction to Containerization

- Containerization
- History of Containers
- Namespaces and Cgroups
- Containers vs Virtual Machines
- Types of Containers
- Introduction to Docker
- Docker Architecture
- Container Lifecycle
- Docker CE vs Docker EE
- Hands-On

Unit 2: The Docker Engine

- Docker Engine
- Configuring Logging Drivers
- Docker Terminology
- Port Binding
- Detached vs Foreground Mode

- Docker CLI
- Docker Exec
- Restart Policy
- Hands-On

Unit 3: Image Management & Registry

- Dockerfile
- Dockerfile Instructions
- Build Context
- Docker Image
- Docker Registry
- Hands-On

Unit 4: Storage in Docker

- Docker Storage
- Types of Persistent Storage
- Volumes
- Bind Mounts
- tmpfs Mount
- Storage Drivers
- Device Mapper

- Docker Clean Up
- Hands-On

Unit 5: Orchestration in Docker

- Docker Compose
- Docker Swarm
- Docker Service
- Service Placement
- Rolling Update and Rollback
- Docker Stack
- Hands-On

Unit 6: Networking & Security

- Docker Networking
- Network Drivers
- Bridge Network
- Overlay Network
- Host and Macvlan
- Docker Security
- Docker Content Trust
- Securing the Docker Daemon
- Hands-On

Unit 7: Docker EE and Monitoring

- Docker Enterprise
- Universal Control Plane (UCP)
- UCP Architecture
- Access Control in UCP
- Docker Trusted Registry (DTR)
- Monitoring using Prometheus
- Hands-On

Unit 8: Docker with Kubernetes

- Kubernetes Core Concepts
- Kubernetes Common Commands
- Pods
- Deployments
- Labels, Selectors and Annotations
- Services
- Persistent Volumes and Persistent Volume Claims
- Storage Classes
- Hands-On

FAQs

1. How is the training organized? How much percentage is theoretical and how much is practical hands-on?

We at eMexo believe nothing beats hands-on practice when it comes to learning a concept. Our teaching methodology is 100% practical and hands-on oriented. You learn a concept, you practice it then and there with the trainer. We also give you assignments for each topic which you can practice at home and any doubts regarding the topic can be cleared with the trainer the next day.

2. What is the course duration? How and when do you plan to complete the course?

We generally cover our courses in 60 hours, however, we know that we can't put a hard- stop to learning with a number. Our trainer will make sure that you have learned everything that is part of the curriculum. This could mean 48 hours or 60 hours, doesn't matter.

3. What is the material provided in the training?

We have industry standard course material which is used by our trainers to train you. At the end of the training apart from the notes which you have taken during the course, we will also provide you with the training material which was used. This training material includes the training content, interview questions, etc.

4. Do you help in preparing for the interview?

Our trainers are working professionals who work in MNCs. They are the expert in their domain and they know exactly what an interviewer looks into a candidate. Our expert trainers apart from sharing the interview questions will also conduct mock interviews to help you prepare for the real interview.

5. Who are your trainers?

Our trainers are industry experts who work in their respective technologies day in and day out. They work in MNCs and are technology experts within their organisations.

6. What is the total batch size per course?

We maintain a strict batch size of a maximum of 5 students. We also provide exclusive one-to-one training as well. Talk to our training partner to get more details.

7. Do you provide certification for the course?

Yes, at the end of training we provide a certification of completion.

8. Will I be joining a new batch or being merged with another batch?

You will be added to a new batch.

9. Is fast-track training available?

Yes, we provide fast-track training as well for those who want to complete the course faster. The curriculum and the total hours required to complete the course will remain the same. However, the trainer will be spending more hours with you to complete the course.

10. Do you assist in job placement?

Our trainers are expert professionals in their organizations and they often act as the interviewer to hire new candidates. Our trainers will help you prepare your resume with industry standards. After all, they know exactly what to look for in a resume.

11. Timings for training - Regular training/weekend training?

We provide both regular and weekend training. Talk to our training partner to learn more about the timings.

12. Will you be working on a live project during training?

Yes, apart from doing the hands-on practice our trainer will also be taking a real-world project and working with you for the implementation.

13. What happens if I miss a class?

If you miss a class the content of that class will be taught to you again. With us, you might miss a class but not the content.

14. Can I attend a demo before the actual class?

Yes, absolutely! Talk to our training counselor on phone at **+91-9513216462** or email us at **info@emexotechnologies.com** to arrange a free demo. You can also fill in the contact us form below and we will call you to discuss your training requirements.