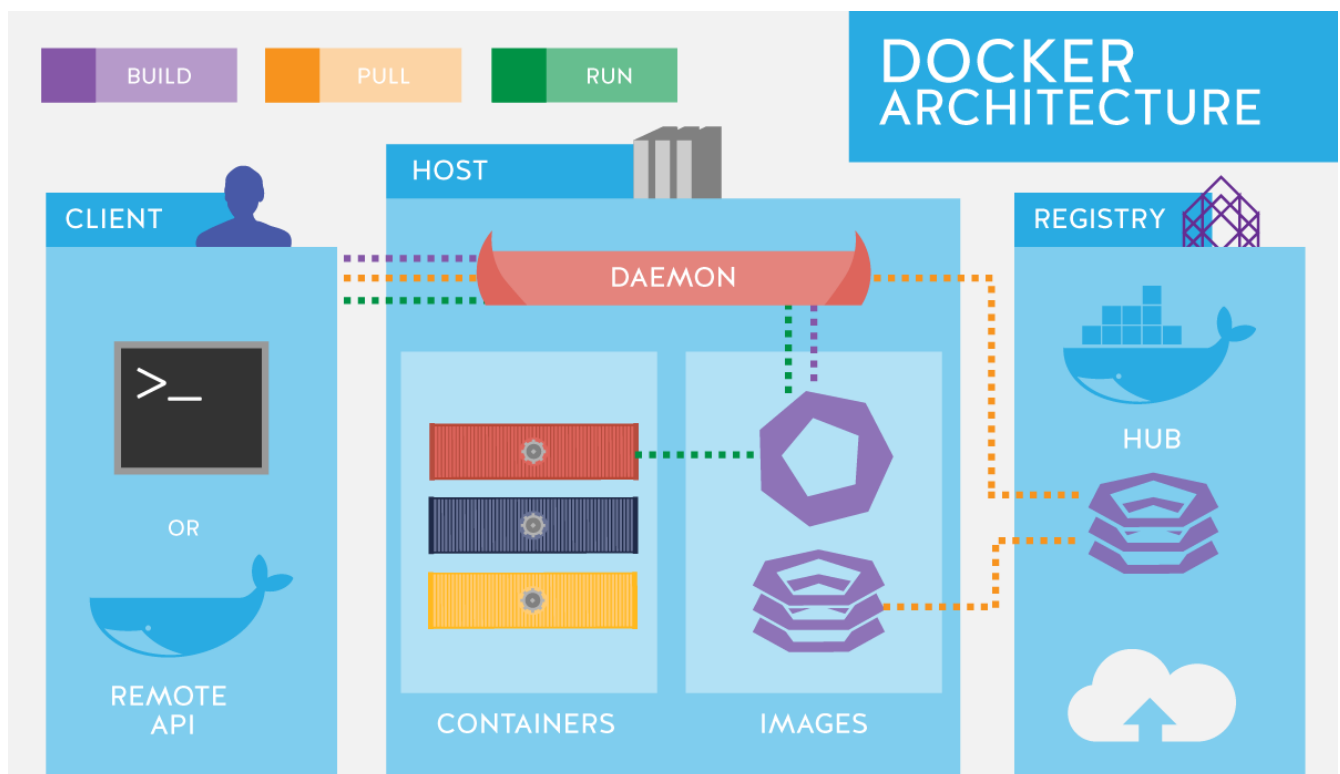




LEARN, THINK, INNOVATE



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: **Docker World – An introduction, The Dockerfile, Builds, and Network Configuration, Docker Commands and Structures, Docker-Compose, and Docker Swarm – A deep dive.** 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: Docker World – An introduction

- Introducing Docker
- Comparing VM and Docker
- Docker –An Architectural Overview
- The Docker Hub A Brief Introduction
- Preparing docker-machine – Installation and configuration
- Start containerizing
- Play with docker images
- Customizing container on your own
- Running Container with Docker – commands
- Port forwarding with docker container
- Hands-On: Installation of Docker and Image Setup
- Hands-On: Creating own Images
- Hands-On: Creating own Images
- Hands-On: Exposing Container Ports to the Host and test it

Unit 2: The Dockerfile, Builds, and Network Configuration

- Dockerfile Directives
- USER and RUN
- RUN Order of Execution
- ENV
- CMD vs. RUN
- ENTRYPOINT
- EXPOSE
- Docker Container Volume Management – An introduction
- Docker Networking concepts
- List and Inspect
- Create and Remove
- Assign to Containers
- Hands-On: Creating a Custom Image from a Dockerfile
- Hands-On: Managing Containers
- Hands-On: Adding External Content to Containers

Unit 3: Docker Commands and Structures

- Inspect Container Processes
- Previous Container Management
- Controlling Port Exposure on Containers
- Naming Our Containers
- Docker Events
- Managing and Removing Base Images
- Saving and Loading Docker Images
- Image History
- Taking Control of Our Tags
- Pushing to Docker Hub
- Hands-On: Base Image Maintenance and Cleanup
- Hands-On: Advanced Container Creation at the Command Line
- Hands-On: Create a Dockerized Basic Web Server
- Hands-On: Continuous Integration for Docker

Unit 4: Docker-Compose

- Networking Overview
- The Default Network
- Isolating Containers
- Aliases & Container Names
- Links
- How Updates Affect Networking
- Using External Networks
- Configuring Compose
- Bringing an Environment Up
- Changing a Running Environment
- Introspecting On An Environment
- Taking an Environment Down

Unit 5: Docker swarm – A deep dive

- Swarm Intro and Creating a 3-Node Swarm Cluster
- Swarm Mode A Built-In Orchestration
- Creating Your First Service and Scale It Locally
- Creating a 3-Node Swarm Cluster
- Swarm Basic Features and How to Use Them In Your Workflow
- Scaling Out with Overlay Networking
- Create A Multi-Service Multi-Node Web App

- Service Placement Preference
- Node Availability

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 organizations.

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 the 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 the 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.