



DOCKER TRAINING

Level - Intermediate

COTOCUS

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COTOCUS LTD.
Bangalore, India

TRAINING DATES	TDB
TIME DAYS	2 DAYS
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TRAINER AGENDA

DAY 1

- What is Virtualization?
- What is Containerization
- Why Containeriz
- How Docker is good fit for Containerization?
- How Docker works?
- Docker Architecture
- Docker Installations & Configurations
- Docker Components
 - Docker Engine
 - Docker Image
 - Docker Containers
 - Docker Registry
- Docker Basic Workflow
- Managing Docker Containers
- Creating our First Image
- Understanding Docker Images
- Creating Images using Dockerfile
- Managing Docker Images
- Using Docker Hub registry
- Docker Networking
- Docker Volumes

DAY 2

- Deepdive into Docker Images
- Deepdive into Dockerfile
- Deepdive into Docker Containers
- Deepdive into Docker Networks
- Deepdive into Docker Volumes
- Deepdive into Docker Volume
- Deepdive into Docker CPU and RAM allocations
- Deepdive into Docker Config

- Docker Compose Overview
- Install & Configure Compose
 - Understanding Docker Compose Workflow
 - Understanding Docker Compose Services
 - Writing Docker Compose Yaml file
 - Using Docker Compose Commands
 - Docker Compose with Java Stake
 - Docker Compose with Rails Stake
 - Docker Compose with PHP Stake
 - Docker Compose with Nodejs Stake