Fundamental Docker

OVERVIEW

The Fundamental Docker course is a learning experience about the basics of Docker, which is an efficient technology used for containerization. Participants will learn about Linux usage, basic Linux commands, working with the VIM text editor, and basic Docker operations including container creation, management, and the use of Docker Compose for orchestrating multiple services simultaneously.

Latest training session photo

OBJECTIVES

- To ensure participants understand the fundamentals of Docker and how containerization systems work.
- To empower participants to efficiently utilize Docker for creating and managing containers.
- To enable participants to use Docker Compose for orchestrating multiple services simultaneously

WHO SHOULD ATTEND?

- Software developers looking to learn Docker for application development.
- DevOps engineers seeking to understand Docker for environment management and team collaboration.
- System administrators interested in using Docker for system management and maintenance.
- Individuals interested in learning containerization and system management in situations requiring flexibility and resource efficiency.

PREREQUISITES

- Basic knowledge of Linux operating systems.
- Proficiency in Command Line Interface (CLI) usage.

ALL PARTICIPANTS WILL RECEIVE

- One Cloud Servers (VM) per person for training purposes.
- Training manuals/documentation.
- Lunch and refreshments.
- Certification upon completion of the Fundamental Docker course.
- Excellent care and attention from instructors and staff.
- Unlimited attendance to the Fundamental Docker Workshop (limited to 5 repeat attendees per training session; if you wish to attend the workshop again, please contact our Facebook Page, Line, Email, or other channels to reserve your seat).

OUTLINE

- Fundamental Linux
  - Directory structure
  - Linux Commands
  - Using VIM Text Editor
  - Using GIT Version Control
  - Workshop 1 - Basic web deploy
  - Workshop 2 - Deploy with Nginx
- What is Docker?
  - Container Technology
  - Containers and VM
  - Docker Architecture

- Docker Basic Commands
  - Workshop 3 - Images Management
  - Workshop 4 - Running Containers
  - Workshop 5 - Reverse Proxy
- Docker Compose
  - Workshop 6 - Docker Compose File
  - Workshop 7 - Running Compose Services
  - Workshop 8 - Build image with Docker file

CONTACT INFORMATION

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