

Docker Essentials – Level 2

Duration: 2 Days



DESCRIPTION

This is a two-day course, which provides a clear understanding and knowledge on topics like Google Trends and Docker. This course discusses core concepts about containers, containerization of applications, hands-on knowledge about moving applications to Docker containers, and architecting highly available and scalable applications deployed on Dockers. We also talk about networking in Docker and finally setting up various user-facing applications hosted within containers.



OBJECTIVES

- To gain a deeper understanding of Docker and the use of containers for deploying & managing applications on Docker
- To gain thorough understanding about networking in Docker.
- Understanding best practices to use Docker.
- Learn to use Docker repository to manage your own images
- Understand how Docker can simplify your continuous deployment approach



COURSE OUTLINE

- Fundamentals of Docker
- Working with Docker
- Docker Networking
- Dockerfile
- Docker hub
- Advanced Concepts of Docker
 - Docker Compose
 - Docker Machine
 - Long running docker processes
- Docker Ecosystem
- Use Cases

WHO SHOULD ATTEND

- IT Professionals who wishes to learn work on highly reliable, scalable, available, cost-efficient virtual machines using Docker
- Startups who wishes to build their IT infrastructure at a fraction of the cost of traditional methods by using containers
- Developers interested in deploying scalable applications using Dockers
- System administrators wishing to improve the efficiency of their servers
- Professionals who wish to enrich their resume for prospective employers by having hands-on Docker experience.

PREREQUISITES

- Understanding of Cloud and Virtualization concepts
- Good Knowledge and Hands on experience with Linux
- Some IT industry work experience or those pursuing a degree in the IT field

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- Usha (Sr.Infrastructure Analyst, Sapient Consulting)

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- Srinivasa (Associate Professor, PES University)

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- Gladwin (Cloud Admin, Cognizant)

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