

Docker Essentials



The Course

This two day course provides a clear perception and hands-on knowledge about the top topic on Google Trends, Docker. The 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.

The Eligibility

- Should have basic understanding of Cloud and Virtualization concepts.
- Should have hands-on knowledge of AWS, as AWS is used in the labs.
- Should have good knowledge and should have hands-on experience with Linux.
- Should have some IT industry work experience or those pursuing a degree in the IT field.

The Rulepaper Promise

Our training methodologies promises to give the students hands on art enterprise skills to delve deeper into the technologies from a practical and enterprise point of view. Extreme Hands-on-Lab with a self doable on the fly practical based training approaches makes transformation of the student from a no vice to a capable experienced cloud computing engineer.



The Instructor

Enterprise Architect with huge experience on Private and Public Cloud Technologies. The trainers are advisors and members of larger Cloud Computing Forums and seasoned integrators of IT Cloud Computing technologies with more than 12+ years in global large enterprise giants.

Objectives:-

- To attain a deep knowledge of Docker and the use of containers for deploying & managing applications on Docker.
- To attain a thorough knowledge about the networking in Docker.
- After completing this course, you will understand best practices to use Docker.
- Learn to use Docker repository to manage your own images.
- Understand how Docker can simplify your continuous deployment approach.

Who Should Attend?

IT Professionals who want to learn to work on highly reliable, scalable, available, cost-efficient virtual machines using Docker.

- Business that want 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 wanting to improve the efficiency of their servers.
- Professionals who want to make their resumes more attractive to the prospective employees by having hands-on Docker experience.

Course Content:-

- **Introduction to AWS.**
- **Fundamentals of Docker.**
- **Working with Docker.**
- **Docker Networking.**
- **Dockerfile.**
- **Docker hub.**
- **Advanced Concepts of Docker.**
- **Docker Ecosystem.**
- **AWS Docker Ecosystem: AWS Elastic Container Service & AWS Fargate.**
- **Use Cases.**

By the end of the course:-

By the end of this training course you will achieve hands on expertise in various aspects of the Cloud Computing components with perfect understanding.

The Duration.

Duration of the Course is 2 days.

The Lab Requirements.

- Students must bring their own laptops with basic configuration.

The cost of the Training.

Please send an email or contact us at enquiry@rulepaper.com to know more about the cost and next batch schedules.

The certifications.

Once the training is completed the student have to enroll with Docker Essentials for getting certification and the cost is exclusive of this training . Certification is an optional or good to have feature.