Tel +44 20 4571 2395
info@siliconbeachtraining.co.uk

The DevOps training helps the delegates to learn DevOps and master the several aspects of software development, continuous integration, continuous delivery, operations and automating build & test and deployment. The delegates also learn the various tools of DevOps including Puppet, Jenkins, Git, Chef, ClearCase, SVN, Ant, Maven, Docker, Nagios, Ansible and many more. With the help of DevOps training, the delegates will be able to deploy the DevOps principles and tools in a software enterprise. The delegates will also get an opportunity to learn how to apply DevOps in an enterprise environment.

Throughout the training, the delegates will learn about the techniques of successfully integrating the IT operation and IT development departments. The delegates will also understand how to collaborate, communicate and automate key processes. The delegates will be able to improve workflows, communication and feedback loops. The delegates will learn different roles and Command Line usage of Ansible. At the end of the DevOps training, the delegates will able to build and deploy containerization using Docker.

Prerequisites

For attending the DevOps training, the delegates should know fundamentals of Java and Linux fundamentals.

Course Objectives

After the completion DevOps Certification Training at Silicon Beach Training, the delegates will be able to:

- DevOps environment & its needs
- Installing and configuring several common infrastructure servers
- Deploying software version control and build management
- Set up the exact security for the entire infrastructure
- Understanding virtualisation, and performance fine-tuning
- Optimizing communication, workflow and feedback loops
- Deploying key DevOps tools like Docker, Puppet, Nagios, Chef, Ansible
- Automating backups & data storage practices
- Monitoring DevOps performance metrics & success factors
- Kubernetes for managing containerised applications
- DevOps relationship to Agile, Lean and ITSM

The course structure is divided into two days.

Tel +44 20 4571 2395
info@siliconbeachtraining.co.uk

- Basic introduction to DevOps
- DevOps Terminology and Objectives
- DevOps Culture and Principles
- DevOps Business Benefits
- Crucial DevOps practices
    - Pipelines
    - Toolchains
    - Feedback loops
    - Communicative skills
- Adopting DevOps practices successfully
- Scaling DevOps

DevOps Training Day 2:

- Review of the previous day
- Understand how DevOps works with popular methodologies and frameworks such as Agile and Lean
- Integration of DevOps into the current workplace environment
- Case studies and real-life examples
- Certified DevOps Professional Exam
- Considerations to be aware of when introducing DevOps to the current environment

The DevOps training helps the delegates to learn DevOps and master the several aspects of software development, continuous integration, continuous delivery, operations and automating build & test and deployment.