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

Migrating Application to AWS Training focuses on the THREE USE CASES where the delegates will be exposed to practice of migration of Web Applications, Batch Processes, and Backend Processing Pipeline to the AWS cloud. With the help of the training, they will get to know about the functional capabilities of these on AWS after the Migration. These USE CASES are planned to provide some insight into real-world of migration to AWS. The delegates will understand the need for Migration. Throughout the training, the delegates will understand the Migration Plan, Strategy, & Execution Steps of Migration.

The training provides complete knowledge to the delegates about the planning and migrating processes of existing workloads to the AWS Cloud. The delegates will understand the latest concept including application migration planning and designing, post-migration support, portfolio discovery, execution of migration, and optimisation of the applications. With the help of Migrating application to AWS training, the delegates will be able to explain the migration planning, its principles, and practices. At the end of the training the delegates will able to understand the application migration, portfolio discovery, planning and designing of migration, migration execution, and optimizing process of the applications after migration.

Prerequisites

For attending Migrating Applications to AWS Training, the delegates should have knowledge about the AWS Architecture and AWS services.

Course Objectives

After the completion of Migrating Applications to AWS Training at Silicon Beach Training, the delegates will be able:

- Understand the greatest benefits of migrating to a cloud computing platform is the elasticity cloud computing provides
- Understand the major cost management benefits
- Established Standards, which reduced IT Operations Workload
- Understand how to established Efficient use of AWS Resources
- Make several strategies for Cloud migration
- Find out the portfolio and making the plans for migration
- Evaluate the readiness of Cloud migration with ease

Module 1: AWS Business Essentials

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

- About the Migrating to the Cloud
- Security and Compliance

Module 2: AWS Technical Essentials

- AWS: An Introduction and History
- AWS Foundational Services: EC2, VPC, S3, EBS
- AWS Security, Identity, and Access Management: IAM
- AWS Databases: RDS, DynamoDB
- Tools of AWS Management: Auto Scaling, CloudWatch, Elastic Load Balancing,
- Trusted Advisor

Module 3: Architecting on AWS

- Overview of an AWS
- Designing the Environment
- Making the Environment Highly Available
- Fork-lifting an Existing Application onto AWS
- Event-Driven Scaling
- Automating and Decoupling the Infrastructure
- Designing Storage at Scale
- Hosting a New Web Application on AWS
- The Four Pillars of the Well-Architected Framework
- Disaster Recovery and Failover Strategies
- Troubleshooting the Environment
- Large-scale Design Patterns and Case Studies

Module 4: Migrating Applications to AWS

- An Introduction to Migrating to AWS
- Discovery, Analysis, and Planning
- Migration Planning and Design
- Migration, Integration, and Validation
- Optimizing Applications and Operating in the AWS Cloud

Migrating Application to AWS Training focuses on the THREE USE CASES where the delegates will be exposed to practice of migration of Web Applications, Batch Processes, and Backend Processing Pipeline to the AWS cloud.