

Advanced Developing on AWS

Price
\$2,025.00

Duration
3 Days

Delivery Methods
VILT, Private Group



The Advanced Developing on AWS course uses the real-world scenario of taking a legacy, on-premises monolithic application and refactoring it into a serverless microservices architecture. This three-day advanced course covers advanced development topics such as architecting for a cloud-native environment; deconstructing on-premises, legacy applications and repackaging them into cloud-based, cloud-native architectures; and applying the tenets of the Twelve-Factor Application methodology.

Who Should Attend

Experienced software developers who are already familiar with AWS services

Course Objectives

Analyze a monolithic application architecture to determine logical or programmatic break points where the application can be broken up across different AWS services. Apply Twelve-Factor Application manifesto concepts and steps while migrating from a monolithic architecture. Recommend the appropriate AWS services to develop a microservices based cloud native application. Use the AWS API, CLI, and SDKs to monitor and manage AWS services. Migrate a monolithic application to a microservices application using the 6 Rs of migration. Explain the SysOps and DevOps interdependencies necessary to deploy a microservices application in AWS.

Agenda

1 - THIS COURSE COVERS THE FOLLOWING CONCEPTS

- Interfacing with AWS Services

Coming Soon:

The next class is currently being scheduled.

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- Deconstructing a monolithic architecture
- Migrating to the cloud
- Creating an infrastructure
- Declare and isolate dependencies
- Storing configuration in the cloud
- Establish a build, release, run model
- Creating the codebase
- Deploying an application
- Evolution of architecture
- Design patterns
- I/O explosion and preventing it
- Microservices