Serverless Applications with Node.js

Course 3380 – 16 Hours

Overview

This course will introduce the serverless architecture, how to build and deploy JavaScript Lambda functions and fully integrate with Amazon AWS. The course also relates to common issues and best practices for combining external functions written with Node.js

On Completion, Delegates will be able to

- Design and build serverless web apps on AWS using Node.js, Writing AWS lambda functions
- Migrate existing apps to serverless platform

Who Should Attend

Web developers seeking to learn how to build serverless applications and trying to understand how to properly organize, plan, design, and test them.

Prerequisites

Experience in:
- Advanced JavaScript
- Node.js
- Async programing

Course Contents

- What is serverless

- Serverless – core concepts

- Hosted applications VS Serverless

- Why Serverless

- Creating and deploying API

- AWS LAMBDA

- How API Gateway works?

- Handling async operations

- Connecting to external services

- Authorization and authentication
  - Identity providers
- Static content with serverless functions
- Testing serverless functions – The approach