

## Architecting on AWS

**Length:** 3 Days

**Summary:** Architecting on AWS covers the fundamentals of AWS. It is designed to teach Solution Architects how to optimize the use of the AWS Cloud by understanding AWS services and how these services fit into a cloud solution.

**Learning Objectives:** Skills learned in this course include:

- Make architectural decisions based on the AWS recommended architectural principles and best practices
  - Demonstrate basic knowledge of best security practices when using AWS
  - Create a cloud migration roadmap and a plan
  - Leverage AWS services to make your servers scalable
  - Create a business continuity plan and achieve High Availability
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## COURSE CONTENT

### 1 - DAY 1

- Leveraging Global Infrastructure
- Extending On-Premises into the Cloud
- Computing in the Cloud
- Designing Storage Subsystems

### 2 - DAY 2

- Distributed Environments
- Choosing a Datastore
- Designing Web-Scale Media Hosting
- Event Driven Scaling
- Infrastructure as Code

### 3 - DAY 3

- Orchestrating Batch Processing
- Reviewing Large Scale Design Patterns
- Designing for Cost
- Planning for High Availability and Disaster Recovery