

Architecting on AWS – Code AWS – 205

Title : Cloud Architecting on AWS

Institute Certification : SmartEntry Certified Solution Architect On AWS

Duration : 20 Hrs

Prerequisite : Course Completed or Certified Systems Operations on AWS -204

Course Objectives

This course teaches you how to:

- Make architectural decisions based on the AWS-recommended architectural principles and best practices.
- Leverage AWS services to make your infrastructure scalable, reliable, and highly available.
- Leverage AWS managed services to enable greater flexibility and resiliency in an infrastructure.
- Make an AWS-based infrastructure more efficient in order to increase performance and reduce costs.
- Use the Well-Architected Framework to improve architectures with AWS solutions.

Course Outline

Note: course outline may vary slightly based on the regional location and/or language in which the class is delivered.

- Core AWS Knowledge
- Designing Your Environment
- Making Your Environment Highly Available
- Forklifting an Existing Application onto AWS
- Event-Driven Scaling
- Automating and Decoupling Your 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 Your Environment
Large-Scale Design Patterns and Case Studies

International Certification

After training you can register and appear for the exam. The fee for the examination is USD 150.