AWS Well-Architected Best Practices

Duration: *1 Day(s)*

Course Overview

The Well-Architected Framework enables you to make informed decisions about your customers architectures in a cloud-native way and understand the impact of design decisions that are made. By using the Well-Architected Framework, you will understand the risks in your architecture and ways to mitigate them. This course is designed to provide a deep dive into the AWS Well-Architected Framework and its 5 pillars. This course also covers the Well-Architected Review process, and using the AWS Well-Architected Tool to complete reviews.

Review this course online at https://www.alta3.com/courses/AWS-WELLARCH

Objectives

- Identify Well-Architected Framework features and design principles.
- Apply key services and best practices for each pillar of the Well-Architected Framework.
- Use the AWS Well-Architected Tool to conduct effective reviews.
- Understand the risks in AWS architecture and ways to mitigate them.

Who Should Attend

- Cloud Architects
- DevOps Engineers
- IT Infrastructure Managers
- Technical Consultants

Prerequisites

- Knowledge of core AWS services (Course: AWS Cloud Practitioner Essentials classroom or digital training)
- Knowledge of AWS management interfaces (Course: AWS Technical Essentials classroom or digital training)
- Knowledge of core AWS design and architecture (Course: Architecting on AWS)

Course Outline

Module 1: Well-Architected Introduction

1. History of Well-Architected
2. Goals of Well-Architected
3. What is the AWS Well-Architected Framework?
4. The AWS Well-Architected Tool

Module 2: Design Principles

5. Operational Excellence
6. Lab 1: Operational Excellence
7. Reliability
8. Lab 2: Reliability

9. Security
10. Lab 3: Security
11. Performance Efficiency
12. Lab 4: Performance Efficiency
13. Cost Optimization
14. Lab 5: Cost Optimization