AWS Well-Architected Best Practices

AWS Classroom Training

Course description

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.

- Course level: Intermediate
- Duration: 1 day

Activities

This course includes presentations, case studies, hands-on labs, and knowledge checks.

Course objectives

In this course, you will learn to:

- Identify the Well-Architected Framework features, design principles, design pillars, and common uses
- Apply the design principles, key services, and best practices for each pillar of the Well-Architected Framework
- Use the Well-Architected Tool to conduct Well-Architected Reviews

Intended audience

This course is intended for:

- Technical professionals involved in architecting, building, and operating AWS solutions.

Prerequisites

We recommend that attendees of this course have:

- 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)

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Email:info@clc-training.com.

Course outline

Module 1: Well-Architected Introduction

- History of Well-Architected

- Goals of Well-Architected

- What is the AWS Well-Architected Framework?

- The AWS Well-Architected Tool

Module 2: Design Principles

- Operational Excellence

- Lab 1: Operational Excellence

- Reliability

- Lab 2: Reliability

- Security

- Lab 3: Security

- Performance Efficiency

- Lab 4: Performance Efficiency

- Cost Optimization

- Lab 5: Cost Optimization