Training: AWS
AWS Well-Architected Best Practices

TRAINING GOALS:

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 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.

CONSPECT:

- 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

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- Lab 1: Operational Excellence
- Reliability
- Lab 2: Reliability
- Security
- Lab 3: Security
- Performance Efficiency
- Lab 4: Performance Efficiency
- Cost Optimization
- Lab 5: Cost Optimization

REQUIREMENTS:

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)

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by AWS (course completion).

TRAINER:

AWS Authorized Instructor (AAI)

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