



AWS Well-Architected Best Practices

Course description

The AWS Well-Architected Framework helps you make informed decisions about your customers' architectures cloud-focused way and understand the impact of design decisions. By using the Well Architected Framework, you will understand the risks in your architecture and ways to mitigate them. This course provides a deep dive into the AWS Well-Architected Framework and its six 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 AWS 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 AWS 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)
- Knowledge of AWS management interfaces (Course: AWS Technical Essentials)
- Knowledge of core AWS design and architecture (Course: Architecting on AWS)

Course outline

Module 1: Well-Architected Introduction

- Brief history of AWS Well-Architected
- AWS Well-Architected pillars
- Design principles
- Applying the AWS Well-Architected Framework
- AWS Well-Architected Tool

Module 2: Operational Excellence

- Operational Excellence design principles
- Case study
- Hands-On Lab: Operational Excellence

Module 3: Reliability

- Reliability design principles
- Hands-On Lab: Reliability

Module 4: Security

- Security design principles
- Hands-On Lab: Security

Module 5: Performance Efficiency

- Performance Efficiency design principles
- Hands-On Lab: Performance Efficiency

Module 6: Cost Optimization

- Cost Optimization design principles
- Hands-On Lab: Cost Optimization

Module 7: Sustainability

- Sustainability design principles
- Sustainability best practices
- Sustainability pillar resources

Module 8: Course Summary

- Recap
- Resources
- Continue your learning

Your course overview ends here.
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About CloudThat

Established in 2012, CloudThat is an award-winning company and the first in India to offer cloud training and consulting services for individuals and enterprises worldwide. Recently, it won Google Cloud's New Training Partner of the Year Award for 2025, becoming the first company in the world in 2025 to hold awards from all three major cloud giants: AWS, Microsoft, and Google. CloudThat notably won consecutive AWS Training Partner of the Year (APJ) awards in 2023 and 2024 and the Microsoft Training Services Partner of the Year Award in 2024, bringing its total award count to an impressive 12 awards in the last 8 years.

CloudThat specializes in Cloud Migration, Data Platforms, DevOps, IoT, and cutting-edge technologies like Gen AI & AI/ML. As a Microsoft Solutions Partner, AWS Premier Tier Training Partner, Google Cloud Platform Partner, and collaborator with leading organizations like HPE, Oracle, Nvidia and Databricks, CloudThat has trained over 850,000 professionals across 600+ cloud certifications, empowering students and professionals worldwide to advance their skills and careers.

To know more about our cloud certification training, email at sales@cloudthat.com or call us at **+91-8880002200** or **+1-8555588830** for those from outside India.