

**AWS Well-Architected Best Practices**

**Course Number:** AWS-150
**Duration:** 1 day

**Overview**

This AWS Well-Architected Best Practices course teaches attendees how to succeed with the AWS Well-Architected Framework and its 5 pillars. Students learn the Well-Architected Review process and how to use the AWS Well-Architected Tool to complete reviews.

Accelebrate is an AWS Training Partner (ATP) and this hands-on official AWS Classroom Training course is taught by an accredited Amazon Authorized Instructor (AAI).

**Prerequisites**

All attendees must have knowledge of AWS services, AWS management interfaces, and core AWS design and architecture and should have taken [Architecting on AWS](file:////training/aws-architecture), [AWS Cloud Practitioner Essentials](file:////training/aws-cloud-practitioner-essentials), and [AWS Technical Essentials](file:////training/aws-technical-essentials) or have the equivalent knowledge.

**Materials**

All AWS training students receive comprehensive courseware.

**Software Needed on Each Student PC**

A modern web browser and an Internet connection that allows connections by SSH or Remote Desktop (RDP) into AWS virtual machines.

**Objectives**

* 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 Review

**Outline**

* Well-Architected Introduction
	+ History of Well-Architected
	+ Goals of Well-Architected
	+ What is the AWS Well-Architected Framework?
	+ The AWS Well-Architected Tool
* Design Principles
	+ Operational Excellence
	+ Reliability
	+ Security
	+ Performance Efficiency
	+ Cost Optimization