

Architecting on AWS - Accelerator

Overview

This course combines Architecting on AWS and Advanced Architecting on AWS to offer a comprehensive, immersive course in cloud architecture. It covers all aspects of how to architect for the cloud over 5 days. You will learn how to design cloud architecture

Prerequisite Comments

We recommend that attendees of this course have the following prerequisites:

- Familiarity with AWS cloud computing, which can be learned in AWS Cloud Practitioner Essentials
- Familiarity with TCP/IP networking concepts such as VPNs, routing, subnets/gateways, segments, and user permissions
- Familiarity with and knowledge of multi-tier architectures and distributed systems

Target Audience

This course is intended for:

- Solutions Architects who are new to designing and building cloud architectures
- Data Center Architects who are migrating from on-premises environment to cloud architectures
- Other IT/cloud roles who want to understand how to design and build cloud architectures

Course Objectives

In this course, you will learn how to:

- Make architectural decisions based on AWS architectural principles and best practices
- Use AWS services to make your infrastructure scalable, reliable, and highly available
- Use AWS Managed Services to enable greater flexibility and resiliency in an infrastructure
- Make an AWS-based infrastructure more efficient to increase performance and reduce costs
- Use the Well Architected Framework to improve architectures with AWS solutions

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Schedule

Class Length: 5 Days

G2R = "Guaranteed to Run" | OLL = "Online LIVE"
ILT = "Instructor-Led-Training"

This course is not currently available on the public schedule. Please contact us using the information in the footer below to inquire about future dates or to schedule a private class.

Course Outline

1 - The Well-Architected Framework

2 - Networking with AWS

3 - Core AWS concepts, knowledge, and services, including designing your environment and making your environment highly available

4 - Event-driven scaling

5 - Automation

6 - Decoupling

7 - Building for resilience

8 - Optimization

9 - Serverless designs

10 - Data security

11 - Advance networking topics

12 - Migration

13 - How to grow your architecture from small to extremely large
