

[View Full Course Details including Latest Schedule Online](#)

AWS

Advanced Architecting on AWS

Learn how to build complex AWS solutions incorporating data services, governance, and security

Due to Covid-19 safety restrictions PhoenixTS will temporarily be unable to provide food to our students who attend class at our Training Center; however, our Break Areas are **currently open** where students will find a constant supply of Coffee, Tea and Water. Students may bring their own lunch and snacks to eat in our breakrooms or at their seat in the classroom or eat out at one of the many nearby restaurants.

Course Overview

In this 3-day AWS course how to build complex solutions that incorporate data services, governance, and security on AWS. This Amazon AWS Training course introduces specialized AWS services, including AWS Direct Connect and AWS Storage Gateway to support hybrid architecture. It also covers designing best practices for building scalable, elastic, secure, and highly available applications on AWS. Students should complete the Architecting on AWS course before taking this course. This course prepares students for the AWS Certified Solutions Architect-Professional exam.

In this course, you will learn to:

- Apply the AWS Well-Architected Framework
- Manage multiple AWS accounts for your organization
- Connect an on-premises data center to the AWS Cloud
- Discuss billing implications of connecting multi-region VPCs
- Move large data from an on-premises data center to AWS
- Design large data stores for the AWS Cloud
- Understand different architectural designs for scaling a large website
- Protect your infrastructure from distributed denial of service (DDOS) attacks
- Secure your data on AWS with encryption
- Design protection of data at rest and data in transit



- Enhance the performance of your solutions
- Select the most appropriate AWS deployment mechanism

Who Should Attend

This course is intended for:

- Experienced IT professionals who are already familiar with AWS services

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 240-667-7757.

Prerequisites

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

- Attended Architecting on AWS
- Achieved AWS Certified Solutions Architect - Associate

Course Outline

Day 1

- Review of Architecting for the Cloud Best Practices and the AWS Well-Architected Framework
- AWS Account Strategies
- Advanced Networking Architectures
- Deployment Management on AWS

Day 2

- Designing Large Datastores
- Moving Large Datastores into AWS
- Big Data Architectures
- Designing for Large Scale Applications



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Day 3

- Building Resilience into Your Architecture
- Data Encryption and Key Management in AWS
- Securing Data on AWS
- Designing for Performance

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Starting at **\$2,175**

ATTENTION

For GSA pricing or Contractor quotes call
[240.667.7757](tel:240.667.7757)

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Price Match Guarantee

We'll match any competitor's price quote. Call us at 240-667-7757.