

Advanced Architecting on AWS

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| Code: | AWS-ARCH-ADV |
| Length: | 3 days |
| URL: | View Online |

Prerequisite Courses

Architect - Architecting on AWS

[View Details](#)

Advanced Architecting on AWS is intended for individuals who are experienced with designing scalable and elastic applications on the AWS platform. Building on concepts introduced in Architecting on AWS, this course covers how to build complex solutions that incorporate data services, governance, and security on AWS. This 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.

Skills Gained

This course teaches you how to:

- Apply the AWS Well-Architected Framework.
- Manage multiple AWS accounts for your organization.
- Connect on-premises data centers to the AWS Cloud.
- Understand billing implications of connecting multi-region VPCs.
- Move large data from on-premises data centers to the AWS Cloud.
- Design large datastores for the AWS Cloud.
- Understand different architectural designs for scaling a large website.
- Protect your infrastructure from DDoS attacks.
- Secure your data on AWS with encryption.
- Design protection of data at rest as well as data in flight.
- Enhance the performance of your solutions.
- Select the most appropriate AWS deployment mechanism.

Who Can Benefit

This course is intended for:

- Experienced IT professionals who are already familiar with AWS services

Course Details

Hands-on Activity

This course allows you to test new skills and apply knowledge to your working environment through a variety of practical exercises.

Delivery Method

This course is delivered through a mix of:

- Instructor-Led Training (ILT)
- Web-Based Training (WBT)
- Hands-On Labs

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

Day 3

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

Note: course outline may vary slightly based on the regional location and/or language in which the class is delivered.

Related Certifications

Authorized training from ExitCertified is created and maintained by the vendor who also creates the certification exams. While it may not be a requirement of certification to attend a vendor-authorized training class, doing so will put you in the best position to successfully complete the related exams. Start training and begin working towards one of the following certifications today.

Architect

AWS Certified Solutions Architect - Professional

Follow-on Courses

Browse the suggested follow-on courses below and continue your training journey. We offer training in various learning formats, from instructor-led to virtual, so you can choose what works best for you. Get started by selecting a course to learn more.

Architect - AWS Certification Exam Readiness Workshop: AWS Certified Solutions Architect - Professional

[View Details](#)

Schedule (as of 3)

| Date | Location | |
|-----------------------------|----------------------------|------------------------|
| Jul 20, 2021 - Jul 22, 2021 | San Francisco | Enroll |
| Jul 20, 2021 - Jul 22, 2021 | iMVP | Enroll |
| Aug 10, 2021 - Aug 12, 2021 | MVP Edison | Enroll |
| Aug 10, 2021 - Aug 12, 2021 | iMVP | Enroll |
| Aug 10, 2021 - Aug 12, 2021 | McLean | Enroll |
| Aug 24, 2021 - Aug 26, 2021 | McLean | Enroll |
| Aug 24, 2021 - Aug 26, 2021 | MVP Edison | Enroll |
| Aug 24, 2021 - Aug 26, 2021 | iMVP | Enroll |
| Sep 14, 2021 - Sep 16, 2021 | San Francisco | Enroll |
| Sep 14, 2021 - Sep 16, 2021 | iMVP | Enroll |

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