Advanced Architecting on AWS (training in English).

Build complex architct solutions
on the AWS platform.

Seminar	6 Termine verfügbar	Teilnahmebescheinigung
Präsenz / Virtual Classroom	24 Unterrichtseinheiten	Online durchführbar

Seminarnummer: 26021 | Herstellernummer: AWS-AA

Stand: 01.11.2026. Alle aktuellen Informationen finden Sie unter https://akademie.tuv.com/s/26021

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

Nutzen

At the end of this course, you will be able to:

- Apply the AWS Well-Architected Framework
- Manage multiple AWS accounts for your organization
- Connect on-premises datacenter to AWS cloud
- Discuss billing implications of connecting multi-region VPCs
- Move large data from on-premises datacenter to AWS
- Design large datastores for AWS cloud
- Understand different architectural designs for scaling a large website
- Protect your infrastructure from DDoS attack
- 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

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Zielgruppe

This course is intended for individuals who are experienced with designing scalable and elastic applications on the AWS platform.

Voraussetzungen

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

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

Abschluss

Teilnahmebescheinigung

The course prepares you for the certification AWS Certified Solutions Architect - Professional.

Inhalte des Seminars

Day 1

- Architecting on AWS Review
- AWS Account Management
- Advanced Networking on AWS
- Deployment Management on AWS
- Build a Hybrid Architecture

Day 2

- Optimize your use of Amazon S3
- Leverage Amazon ElastiCache to handle and store data at scale
- Build a Failover Solution with Amazon Route 53 and Amazon RDS Read Replication
- AWS Snowball
- Amazon S3 Transfer Acceleration
- AWS Storage Gateway
- Backing up and archiving data on AWS
- Migrating databases into AWS
- Designing for Big Data
- Amazon DynamoDB for Big Data
- DynamoDB Streams
- DynamoDB for Big Data Design Patterns

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- Design for Large Scale Applications
- Deployment with Elastic Beanstalk

Day 3

- Build Resilient Architectures Part A
- CloudFront Content Delivery and Automating WAF Rules
- Encryption and data security
- KMS Envelope Encryption

Terminübersicht und Buchung

Buchen Sie Ihren Wunschtermin jetzt direkt online unter https://akademie.tuv.com/s/26021 und profitieren Sie von diesen Vorteilen:

- Schneller Buchungsvorgang
- Persönliches Kundenkonto
- Gleichzeitige Buchung für mehrere Teilnehmer:innen

Alternativ können Sie das Bestellformular verwenden, um via Fax oder E-Mail zu bestellen.

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