



---

## Training: Cloud Computing with AWS

---

### 1. Designing Resilient Architectures

- Designing a multi-tier architecture solution
- Designing highly available and/or fault-tolerant architectures
- Designing decoupling mechanisms using AWS services
- Choosing appropriate resilient storage

### 2. Designing High-Performing Architectures

- Identifying elastic and scalable compute solutions for a workload
- Selecting high-performing and scalable storage solutions for a workload
- Selecting high-performing networking solutions for a workload
- Choosing high-performing database solutions for a workload

### 3. Designing Secure Applications and Architectures

- Designing secure access to AWS resources
- Designing secure application tiers
- Selecting appropriate data security options

### 4. Designing Cost-Optimized Architectures

- Identifying cost-effective storage solutions
- Identifying cost-effective compute and database services
- Designing cost-optimized network architectures

### Learning Objectives

- Participants who take part in AWS Certified Solutions Architect training will learn about:
- Planning and deploying secure and reliable applications on AWS platforms
- Defining solutions using AWS architectural design principles based on requirements
- Providing AWS implementation guidance throughout the project lifecycle
- Ingress and Egress of data to and from AWS
- AWS costs and control mechanisms in an enterprise
-