

## **ASM Educational Center (ASM)**



#### **AWS Certified Solutions Architect Associate**



#### **Domain 1: Design Resilient Architectures**

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

#### **Domain 2: Design High-Performing Architectures**

- Identify elastic and scalable compute solutions for a workload
- Select high-performing and scalable storage solutions for a workload
- Select high-performing networking solutions for a workload
- Choose high-performing database solutions for a workload

#### **Domain 3: Design Secure Applications and Architectures**

- Design secure access to AWS resources
- Design secure application tiers
- Select appropriate data security options



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### **Domain 4: Design Cost-Optimized Architectures**

- Identify cost-effective storage solutions
- Identify cost-effective compute and database services
- Design cost-optimized network architectures