



## AWS Solution Architect (Professional) Training Curriculum



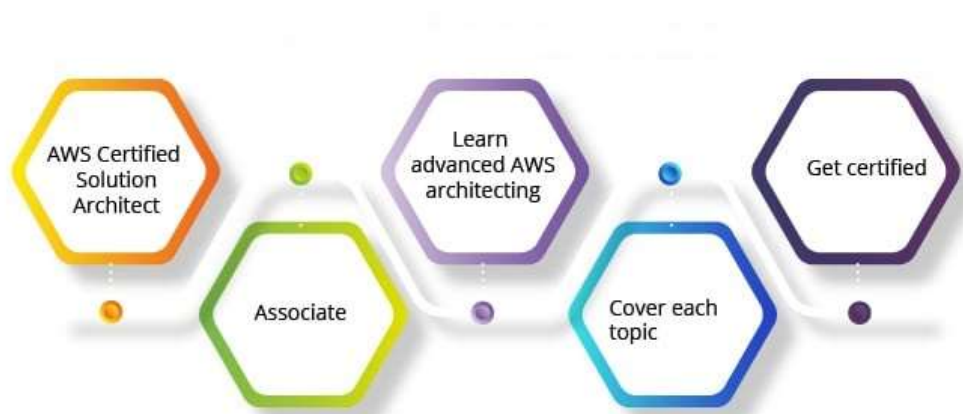
**amazon**  
web services

Certified

Solutions Architect - Professional



# AWS Solution Architect - Professional



## 1. Design for Organizational Complexity

- Determine cross-account authentication and access strategy for complex organizations (for example, an organization with varying compliance requirements, multiple business units, and varying scalability requirements)
- Determine how to design networks for complex organizations (for example, an organization with varying compliance requirements, multiple business units, and varying scalability requirements)
- Determine how to design a multi-account AWS environment for complex organizations (for example, an organization with varying compliance requirements, multiple business units, and varying scalability requirements)

## 2. Design for New Solutions

- Determine security requirements and controls when designing and implementing a solution

- Determine a solution design and implementation strategy to meet reliability requirements
- Determine a solution design to ensure business continuity
- Determine a solution design to meet performance objectives
- Determine a deployment strategy to meet business requirements when designing and implementing a solution Domain

### **3. Migration Planning**

- Select existing workloads and processes for potential migration to the cloud
- Select migration tools and/or services for new and migrated solutions based on detailed AWS knowledge
- Determine new cloud architecture for an existing solution
- Determine a strategy for migrating existing on-premises workloads to the cloud

### **4. Cost Control**

- Select a cost-effective pricing model for a solution
- Determine which controls to design and implement that will ensure cost optimization
- Identify opportunities to reduce cost in an existing solution

### **5. Continuous Improvement for Existing Solutions**

- Troubleshoot solution architectures
- Determine a strategy to improve an existing solution for operational excellence
- Determine a strategy to improve the reliability of an existing solution
- Determine a strategy to improve the performance of an existing solution
- Determine a strategy to improve the security of an existing solution
- Determine how to improve the deployment of an existing solution