

AWS Certified Solutions Architect – Associate Cheat Sheet

Domain 1: Design Secure Architectures (30%)

- IAM (Users, Roles, Policies)
- KMS & Encryption
- VPC Security: Security Groups & NACLs
- Network protection (WAF, Shield)

Domain 2: Design Resilient Architectures (26%)

- Multi-AZ & Multi-Region
- Disaster Recovery (RTO/RPO)
- Load Balancers & Auto Scaling
- S3 cross-region replication

Domain 3: Design High-Performing Architectures (24%)

- Compute: EC2, Lambda, ECS/EKS
- Databases: RDS, Aurora, DynamoDB
- Storage: S3, EBS, EFS performance tuning

Domain 4: Design Cost-Optimized Architectures (20%)

- Right-sizing resources
- Pricing models (On-Demand, Reserved, Spot)
- Cost Explorer & Trusted Advisor
- Storage tiers & lifecycle policies

Exam Tips

- Eliminate wrong answers first.
- Think scalability, cost-efficiency, fault tolerance.
- Flag tough questions and return later.
- Know Well-Architected Framework best practices.