



Advanced Architecting on AWS

Creating a Hybrid Cloud Environment

Learning Objective

- ❖ Manage multiple AWS accounts for your organization
- ❖ Connect on-premises datacenter to AWS cloud

Topics Covered

- ❑ AWS Account Strategies
- ❑ Advanced Network Architecture

Virtual Private Cloud and Cloud Storage

Learning Objective

- ❖ Discuss billing implications of connecting multi-region VPCs
- ❖ Move large data from on-premises datacenter to AWS
- ❖ Design large datastores for AWS cloud

Topics Covered

- ❑ Designing Large Datastores for AWS

Security

Learning Objective

- ❖ Understand different architectural designs for scaling a large website
- ❖ Protect your infrastructure from DDoS attack
- ❖ Secure your data on AWS with encryption

Topics Covered

- ❑ Web Scale Applications
- ❑ Building Resilience
- ❑ Comprehensive Cloud Security
- ❑ Encryption and Key Management on AWS
- ❑ Security Data on AWS

Security

Learning Objective

- ❖ Design protection of data-at-rest as well as data-in-flight
- ❖ Enhance the performance of your solutions

Topics Covered

- ❑ Designing for Performance