AWS Overview

What is AWS?

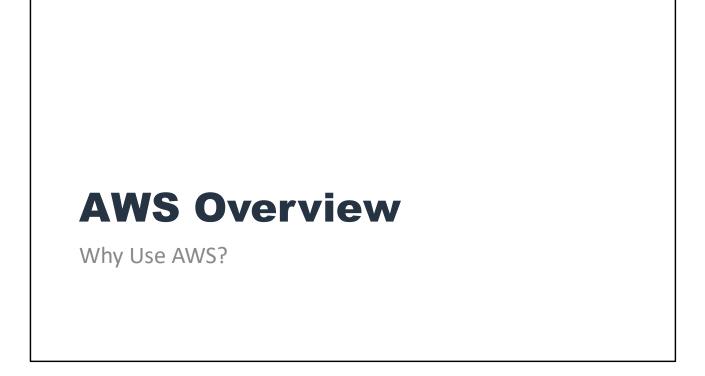## Cert Prep Course Overview

- What is AWS (Amazon Web Services)?
- AWS Certifications
- Certified Solutions Architect – Associate exam
- Exam tips

What is AWS?

- Cloud service provider
  - Compute
    - Storage
    - Networking
    - Application deployment

What is the Cloud?

- Servers and services
- Connected to the Internet
- For customers and users

AWS Overview

Why Use AWS?

Popularity

- AWS is the market leader
- Most in-demand certifications for cloud
- Netflix, Reddit, AOL and Pinterest are running on AWS
- Businesses from more than 190 countries use AWS

Available Services

- Compute
- Database
- Internet of Things
- Storage
- Security
- Business Analytics
- >180 individual service listings
- 69 Availability Zones in 22 regions around the world

Learning Materials

- Thoroughly documented services
- Thousands of blogs
- eLearning like ours
- Dozens of books

AWS Overview

How to Get Started with AWS

AWS Certifications Overview

AWS Certifications

AWS Certifications Overview

Preparation Resources

Preparation Resources

- Our AWS Certified Solutions Architect Associate course
- Many books
- Amazon videos
- Practice tests
- AWS documentation

AWS Certifications Overview

Benefits of Certification

Benefits of Certification

- Knowledge
- Proof of knowledge
- Job opportunities
- Pay increase
- Confidence

AWS Certified Solutions Architect Associate

AWS CSA-Associate Overview

Validated Abilities

- Architecting and deploying solutions on AWS
- Defining solutions based on customer requirements
- Providing implementation guidance during projects

AWS Certified Solutions Architect Associate

Exam Knowledge Areas

Available Services

Design Resilient Architectures – 34%

   Storage
   Decoupling mechanisms
   Multi-tier architectures
   High availability and fault tolerance

Define Performant Architectures – 24%

   Storage and databases
   Caching
   Elasticity and scalability

Specify Secure Applications and Architectures – 26%

   Secure application tiers
   Secure data
   Network infrastructure

Design Cost-optimized Architectures – 10%

   Storage
   Compute

Define Operationally Excellent Architectures – 6%

AWS Certified Solutions Architect Associate

The Four Key Areas (Compute, Networking, Storage, and Databases)

Four Key Areas

- Compute
- Networking
- Storage
- Databases
- All four should be securely implemented

How to Get Certified

Master the Knowledge Areas

Gaining Mastery

- Learn the concepts
- Learn the process
- Learn the application of both

Mastery Methods

- Use our eLearning
- Use AWS
- Use AWS again, but differently

How to Get Certified

Use the System

Getting Experience

- Create an account
- Use free services and types
- Create S3 buckets
- Create VPCs
- Create subnets
- Create security groups
- Create NACLs
- Create EC2 instances
- Create databases

How to Get Certified

Take Notes

Text Notes

- Sentences
- Facts
- Features
- Capabilities

Visual Notes

- Diagrams
    - Service diagrams
    - Network diagrams
    - Process diagrams
- Cartoons

How to Get Certified

Be Mentally and Physically Prepared

How to Get Certified

Take the Exam

Mental Preparation

- Know the topics
- Know your learning style
- Test yourself
  - Test your knowledge
  - Improve in weak areas
  - Repeat
- Think positive, confident thoughts on exam day

Physical Preparation

- Sleep
- Exercise
- Drink plenty of water
- Eat healthy foods (avoid sugars)
- Sit with good posture
- Stand and stretch for a moment during the exam