

AWS Certification Overview

for the Indy AWS Meetup

Patrick J. Ryan

Enterprise Account Executive

patrick.ryan@cloudacademy.com

312-985-6313

twitter: @cloudrank



Rule of the Meetup...

No sales pitches!



What's in it for you? A free 90 day subscription to all Cloud Academy has to offer: Courses, Quizzes, and Hands On Labs

Sixfeetup

DASHBOARD LEARNING PATHS CONTENT LIBRARY RESOURCES BUSINESS

Search your content library

Indy AWS Meetup

Management Dashboard

- Teams
- Leaderboard
- Members
- Report & Analytics
- Help

2 TOTAL MEMBERS

0 JOINED

2 INVITED

38 INVITES AVAILABLE

INVITE MEMBERS

REQUESTS 0

ALL MEMBERS JOINED INVITED

Search by user name, email or team name

Quick Actions

| Status | Date | Email | Full name | Role | Teams | Actions |
|---------|--------------|-----------------------|-----------|---------------|-------|---------|
| INVITED | May 15, 2017 | calvin@sixfeetup.com | - | administrator | - | |
| INVITED | May 15, 2017 | colleen@sixfeetup.com | - | administrator | - | |

Cloud Academy Expert AWS Trainers



Stuart Scott

AWS Trainer

Stuart has a long background within the IT industry covering a range of technologies. His most recent passion and interest is that of the cloud, specifically AWS.

He enjoys writing and teaching, which enables him to share his knowledge with the wider community.

Stuart holds the AWS SA Certification as well being accredited as an AWS Business & Technical Professional and within TCO and Cloud Economics.



Andrew Larkin

AWS Content Strategy

Andrew is obsessed with helping people learn and get certified with AWS technology. He has worked for Amazon as an AWS Partner Manager and for AWS technology partners Ooyala and Adobe. His favorite Amazon leadership principle is "Customer Obsession" as everything AWS starts with the customer. Passions around work are cycling and surfing, and having a laugh about lessons learnt trying to launch two daughters and 5 start ups.



CloudAcademy

What do all these companies have in common?

NETFLIX

DOW JONES

Comerica Bank

SIEMENS

workday.

NOVARTIS

Turner

COMCAST

Kellogg's

CapitalOne

Expedia*

Adobe

CloudAcademy

Top 10 cloud computing stories of 2010

ELI LILLY-AMAZON WEB SERVICES RELATIONSHIP DERAILED



SearchCloudComputing.com

From the article: “Amazon Web Services (AWS) poster child Eli Lilly has walked away from the cloud computing service after failing to come to terms over legal indemnification issues. Sources close to Eli Lilly say the pharmaceutical giant was at its wits end trying to negotiate a contract with AWS that would push some accountability for network outages, security breaches and other forms of risk inherent in the cloud to Amazon Web Services. But these negotiations, sources said, got nowhere.”

From the AWS CTO: “For those following this anonymous source story this morning: Eli Lilly is still very much a customer and has not dropped their use of AWS”

AWS Shared Responsibility Model



Customer content

Platform, Applications, Identity & Access Management

Operating System, Network & Firewall Configuration

Client-side Data
Encryption

Server-side Data
Encryption

Network Traffic
Protection

Customers are responsible for their security and compliance **IN** the Cloud

AWS Foundation Services

Compute

Storage

Database

Networking

AWS Global
Infrastructure

Availability Zones

Regions

Edge Locations

AWS is responsible for the security **OF** the Cloud



Infrastructure Service

Example – EC2

- Foundation Services — Networking, Compute, Storage
- AWS Global Infrastructure
- AWS IAM
- AWS API Endpoints



Customers



RESPONSIBILITIES

- Customer Data
- Customer Application
- Operating System
- Network & Firewall
- Customer IAM

- High Availability, Scaling
- Instance Management
- Data Protection (Transit, Rest, Backup)

aws certification

+ Add Term

Find Trends

Scale: Absolute | Relative

Job Postings



Most Valuable IT Certifications, 2016

(Source: Global Knowledge Study, 15 Top-Paying Certifications for 2016)

| Certification | Annual Salary |
|---|----------------------|
| Amazon Web Services Certified Solutions Architect – Associate | \$125,871 |
| Certified in Risk and Information Systems Control (CRISC) | \$122,954 |
| Certified Information Security Manager (CISM) | \$122,291 |
| Certified Information Systems Security Professional (CISSP) | \$121,923 |
| Project Management Professional (PMP®) | \$116,094 |
| Certified Information Systems Auditor (CISA) | \$113,320 |
| Cisco Certified Internetwork Expert (CCIE) Routing and Switching | \$112,858 |
| Cisco Certified Network Associate (CCNA) Data Center | \$107,045 |
| Cisco Certified Design Professional (CCDP) | \$105,008 |
| Certified Ethical Hacker (CEH) | \$103,297 |
| Six Sigma Green Belt | \$102,594 |
| Citrix Certified Professional – Virtualization (CCP-V) | \$102,138 |
| Cisco Certified Networking Professional (CCNP) Security | \$101,414 |
| ITIL® v3 Foundation | \$99,869 |
| VMware Certified Professional 5 – Data Center Virtualization (VCP5-DCV) | \$99,334 |



Arun Subramanian, AWS Certified Solutions Architect – Associate

Updated Feb 28

I took my exam on Feb 24, 2017 and I'm person number 32001 to have passed the exam (see certificate number).

AWS Certified Solutions Architect – Associate Level

Arun subramanian

Has successfully completed the AWS Certification requirements and is recognized
as an **AWS Certified Solutions Architect – Associate Level**

Certificate AWS-ASA-32001

Director, Training and Certification

February 24, 2017

Certification Issue Date

February 24, 2019

Expiration Date



Certified

Salaries for all the certs...

| <u>Certification</u> | <u>2016 Average Salary</u> |
|--|----------------------------|
| AWS Certified Solutions Architect - Associate | \$123,801 |
| AWS Certified Solutions Architect - Professional | \$125,652 |
| AWS Certified Developer - Associate | \$122,735 |
| AWS Certified SysOps Administrator - Associate | \$119,143 |
| AWS Certified DevOps Engineer | \$130,284 |

What are the Certification Levels?

Associate - 80 minute proctored exam

Certified
Developer
Associate

Certified
Solution
Architect
Associate

Certified
Sys Ops
Administrator
Associate

Certified
Dev Ops
Administrator
Professional

Certified
Solution
Architect
Professional

Professional - 170 minute proctored exam

aws CERTIFIED
Associate

aws CERTIFIED
Associate

aws CERTIFIED
Professional

Architect, Development, & Operations (DevOps)



Exam Requirements:

- A sit down test taken at an Kryterion testing center
- Cost for Associate exam is \$150
- 14 day wait period before you can retake an exam
- Each retake will cost you \$150
- AWS Certs need to be re-certified every 2 years
- Passing the Professional exam in that two year period removes the need to re-certify

www.kryteriononline.com

A map of the Great Lakes region, specifically the Indiana, Illinois, and Ohio areas. The map displays a network of roads and water bodies. Numerous blue location pins are scattered across the map, primarily concentrated in Indiana and Ohio, with a few in Illinois. Labeled cities include Chicago, Elgin, Aurora, Joliet, La Salle, Peoria, Bloomington, Springfield, Indianapolis, Fort Wayne, Toledo, Sandusky, Lorain, and Columbus. The map also shows parts of Michigan and Pennsylvania. A legend in the top left corner indicates 'Select - Country' with a dropdown menu showing 'United States'. In the top center, it says 'Select - State' with a dropdown menu showing 'Indiana'. To the right of the state dropdown is a large blue 'SEARCH' button. On the far left, there is a zoom control with '+' and '-' buttons.

Question Formats

Multiple-choice: examinee selects one option that best answers the question or completes a statement. The option could be embedded in a graphic where the examinee "points and clicks" on their selection choice to complete the test item.

Multiple-response: examinee selects more than one option that best answers the question or completes a statement.

Sample Directions: Read the statement or question and from the response options, select only the option(s) that represent the most correct or best answer(s) given the information.

Amazon CloudFront is a _____.

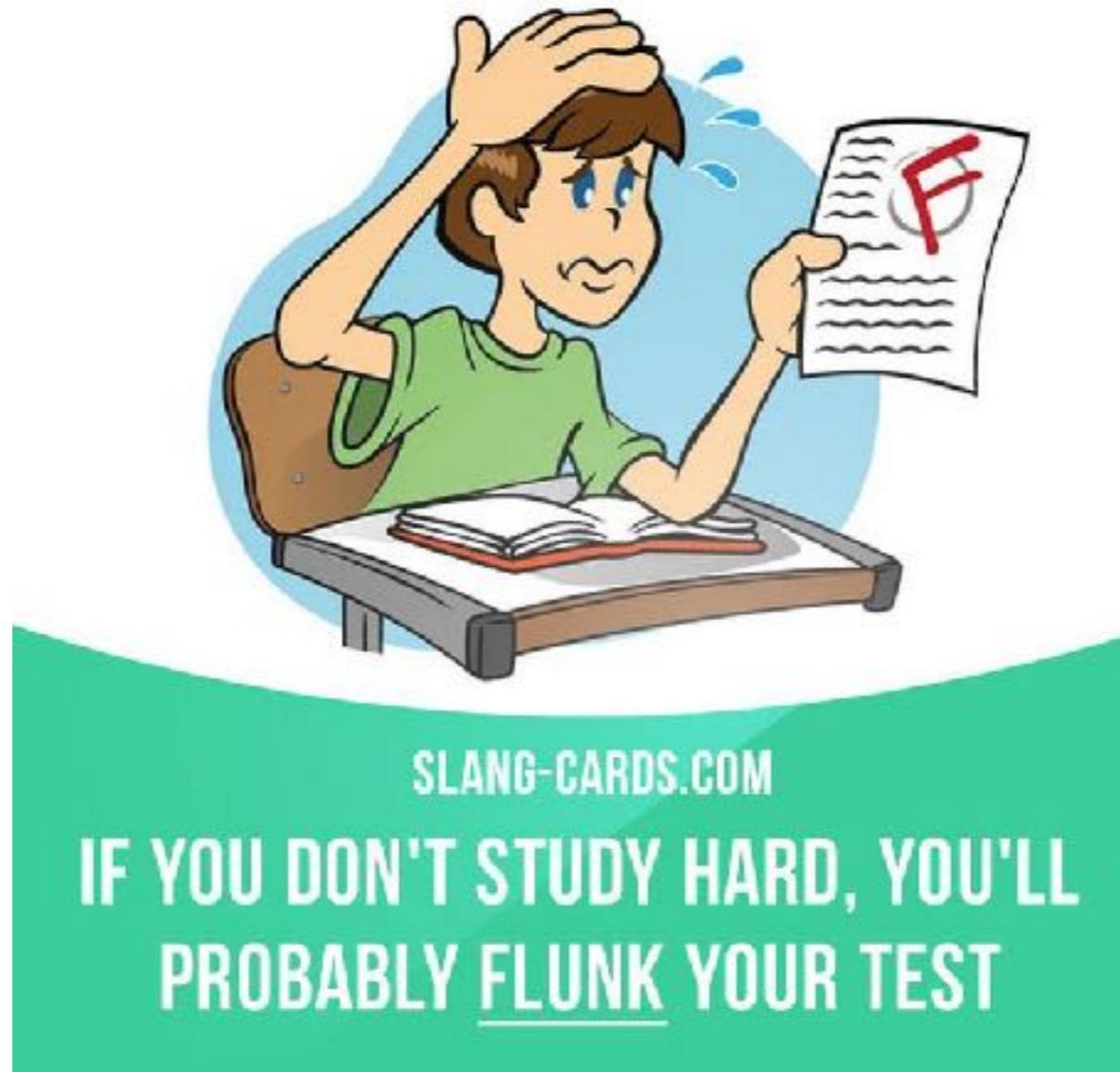
- A fully managed desktop computing service in the cloud
- B content delivery network service
- C task coordination and state management service for cloud applications
- D persistent block level storage volume

Answer B

Amazon CloudFront is a content delivery network (CDN) service. It integrates with other Amazon Web Services to give developers and businesses an easy way to distribute content to end users with low latency, high data transfer speeds, and no minimum usage commitments.

🔗 Learn More: <http://aws.amazon.com/cloudfront/>

The exam is tough! You
need to study and prepare!



SLANG-CARDS.COM

IF YOU DON'T STUDY HARD, YOU'LL
PROBABLY FLUNK YOUR TEST

Preparation

Cloud Academy Solution Architect Associate Learning Path

<https://cloudacademy.com/learning-paths/solutions-architect-associate-aws-14/>

Courses - to learn design concepts

Labs - to get hands on exposure to the console

Quiz questions - to brush up on your SME

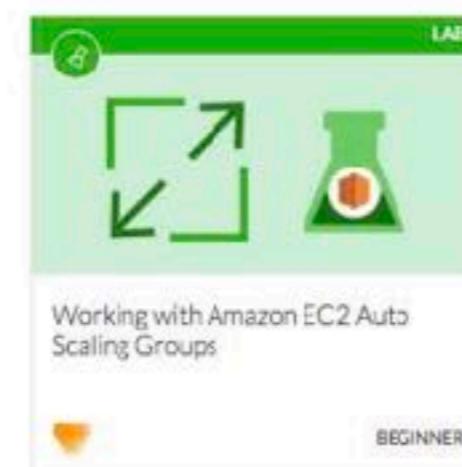
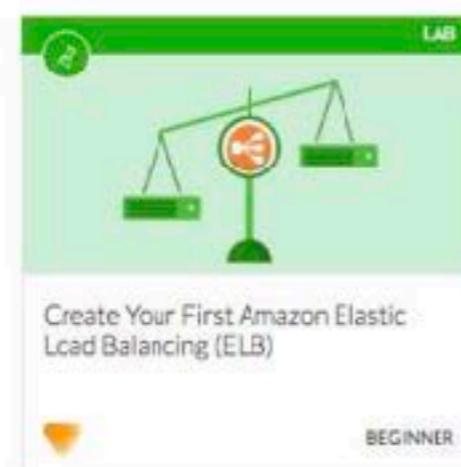
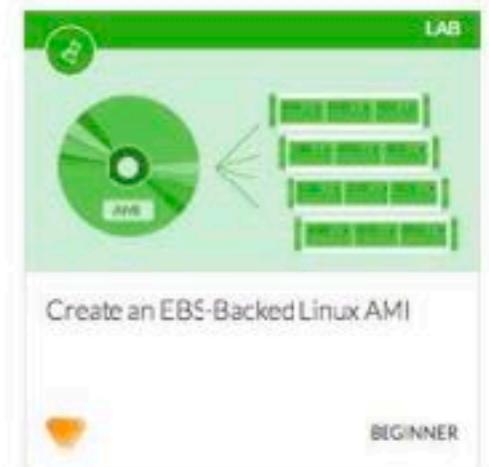
Exam primer - last lecture in the Solution Architect Associate Learning path



You need to do the labs!

AWS Certified Solutions Architect - Associate 11 Labs

The AWS Certified Solutions Architect (Associate) practical stream provides hands-on lab activities to start understanding and designing distributed applications and systems on the AWS platform. The following lab subjects are directly recommended by Amazon for anyone who is interested in using AWS services and get certified. Understanding how to use Amazon Virtual Private Cloud (VPC), EC2 and EBS Elastic Load Balancing (ELB) and AutoScaling, RDS and DynamoDB is a fundamental task for any aspiring AWS Architect.





Sign In or Create an AWS Account

What is your email (phone for mobile accounts)?

E-mail or mobile number:

I am a new user.

**I am a returning user
and my password is:**

Sign in using our secure server

[Forgot your password?](#)

Learn more about [AWS Identity and Access Management](#) and [AWS Multi-Factor Authentication](#), features that provide additional security for your AWS Account. View full [AWS Free Usage Tier](#) offer terms.



**AWS Accounts Include
12 Months of Free Tier Access**

Including use of Amazon EC2,
Amazon S3, and Amazon DynamoDB

Visit aws.amazon.com/free for full offer terms



English Sign Out

Amazon Web Services Sign Up



Contact Information



Payment Information



Identity Verification



Support Plan



Confirmation

Payment Information

Please enter your payment information below. You will be able to try a broad set of AWS products for free via the Free Tier. We will only bill your credit or debit card for usage that is not covered by our Free Tier.

[Frequently Asked Questions](#)

What is the AWS Free Tier?

The AWS Free Tier allows you to get hands-on experience with AWS Services such as Amazon EC2, Amazon S3, and Amazon RDS. The AWS Free Tier includes services with a free tier available for 12 months following your AWS sign-up date, and additional service offers that do not automatically expire at the end of your 12 month AWS Free Tier term. Learn more about the [AWS Free Tier](#).

Why do I need to provide payment information?

We ask for a credit or debit card to allow for a seamless transition to paid usage of AWS Services if your account exceeds the AWS Free Tier limits. Also, we use your payment information to verify the authenticity of your account and prevent fraudulent activity.

When will I be charged?

You will be charged for AWS usage that exceeds the [AWS Free Tier limits](#). We offer easy to setup [Billing Alarms](#) to monitor your AWS usage and make sure you only pay for what you want. Learn more about tracking [AWS Free Tier usage](#).

Other Questions?

[Ask us a question](#), we'd love to hear from you.



Certified

Solutions Architect - Associate

Workshop Structure



Certification Workshop is built around the Exam Blueprint

The table below lists the domains measured by this examination and the extent to which they are represented.

| Domain | % of Examination |
|--|------------------|
| 1.0 Designing highly available, cost efficient, fault tolerant, scalable systems | 60% |
| 2.0 Implementation/Deployment | 10% |
| 3.0 Data Security | 20% |
| 4.0 Troubleshooting | 10% |
| TOTAL | 100% |

http://awstrainingandcertification.s3.amazonaws.com/production/AWS_certified_solutions_architect_associate_blueprint.pdf

Solutions Architect - Associate for AWS

We can't possibly cover them all in the time we have, so here is what we will focus on....



Domain One: Designing highly available, cost efficient, fault tolerant, scalable solutions

Domain Two : Design / Implementation / Deployment

Domain Three: Data Security

AWS Exam Blueprint

Domain 1: Designing highly available, cost efficient, fault tolerant, scalable systems

Content may include the following:

How to design cloud services

Elasticity and scalability

Planning and design

Monitoring

Familiarity with:

Best practices

Developing to Client Specifications including pricing/cost e.g. on Demand vs. Reserved vs. Spot

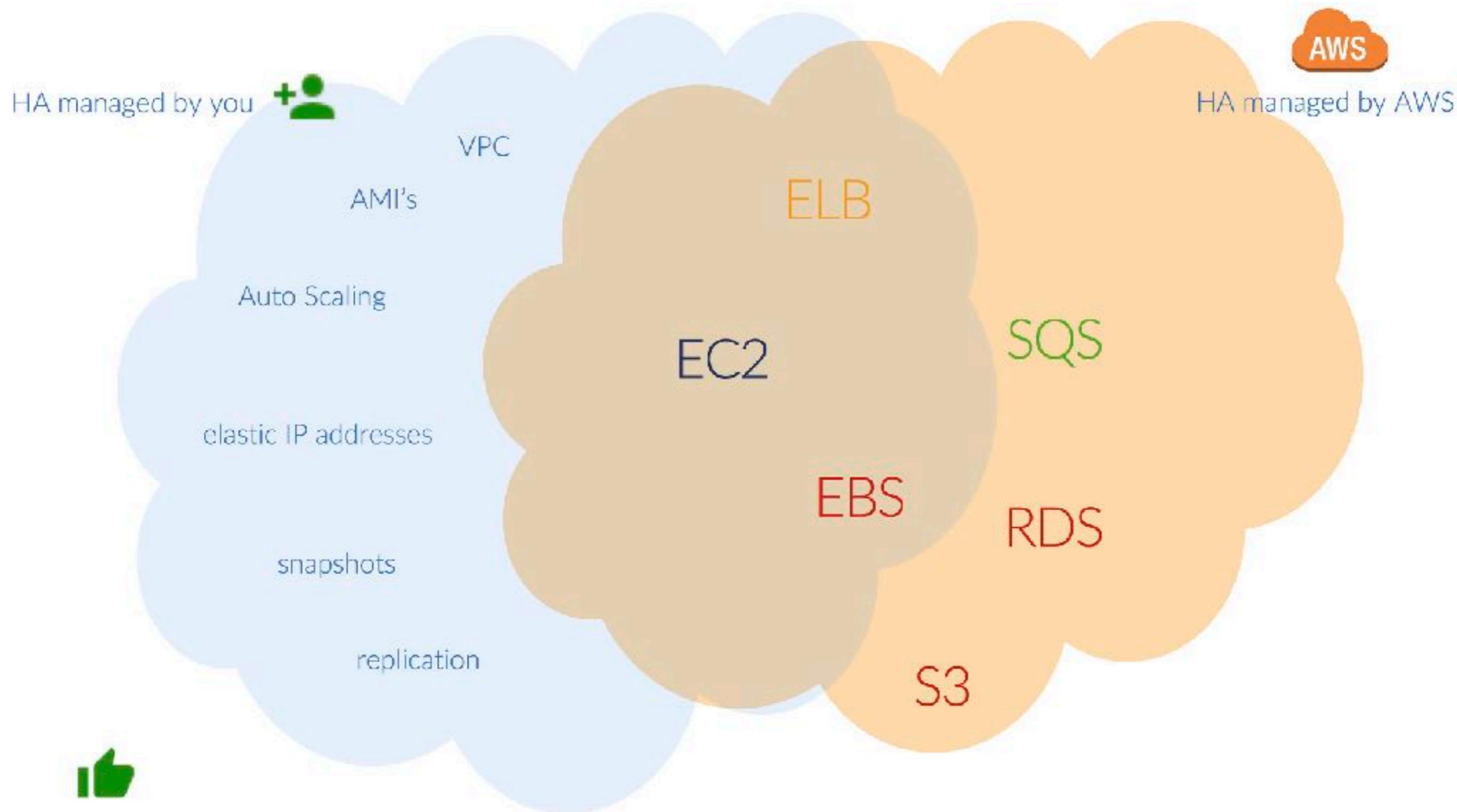
RTO and RPO DR Design

Architectural trade-off decisions – high availability vs. cost

Amazon Relational Database Service(RDS) vs. installing your own database on Amazon Elastic Compute Cloud (EC2)

Integrating with existing development environments and building scalable architecture

SERVICES THAT ENABLE SCALE AND DURABILITY

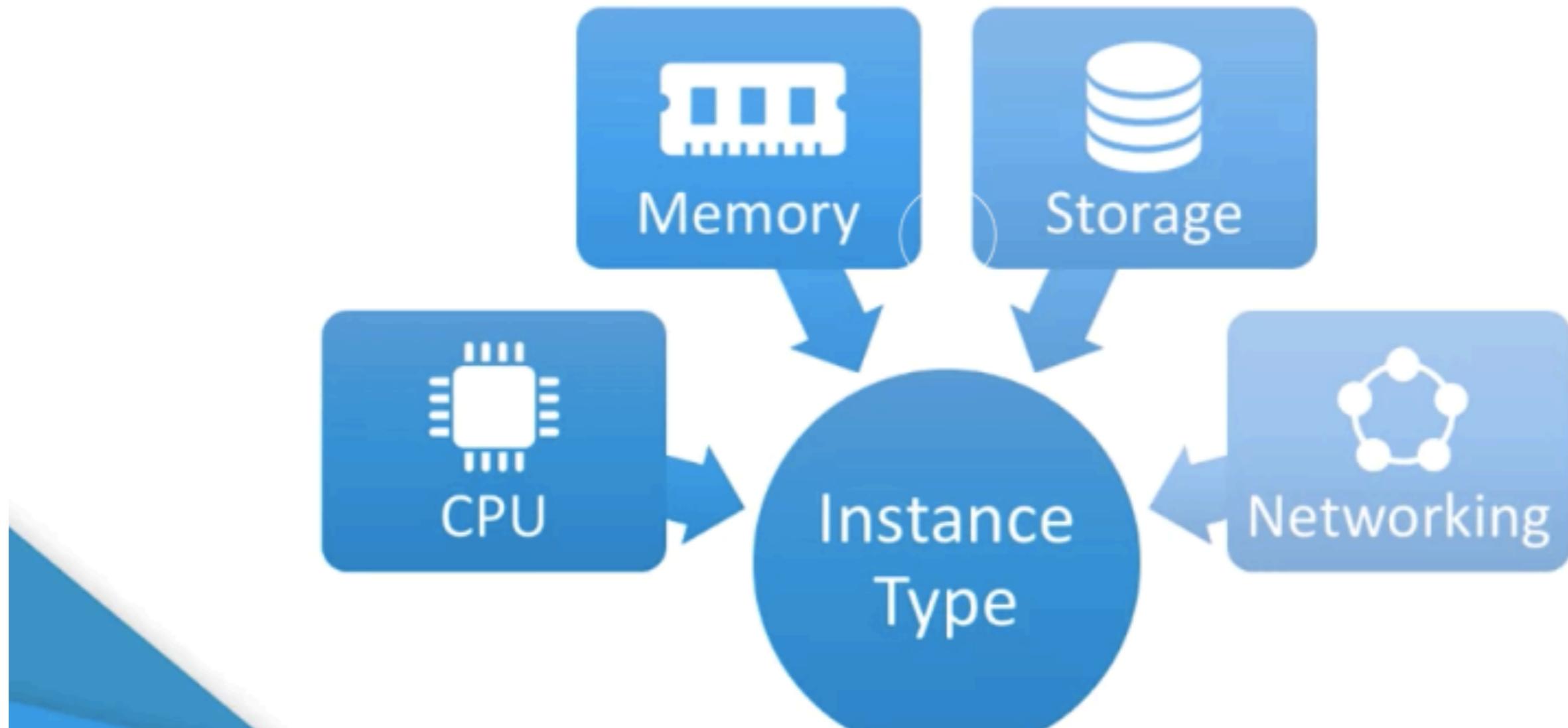


Managing snapshots to keep \$\$ low

| Month | No Snapshot Deletion | | | | | Retention period - Monthly | | | |
|----------------------|----------------------|-------------|----------------|----------------------|--|----------------------------|-------------|----------------|-----------------------|
| | Growth | GB | Cost per GB | Aggregated Cost(USD) | | Growth | GB | Cost per GB | Aggregated Cost (USD) |
| <i>Full Snapshot</i> | 1024 | 1024 | 0.095 | 97.28 | | 1024 | 1024 | 0.095 | 97.28 |
| Month 1 | 900 | 1924 | 0.095 | 182.78 | | 900 | 1924 | 0.095 | 182.78 |
| Month 2 | 900 | 2824 | 0.095 | 268.28 | | 900 | 1924 | 0.095 | 182.78 |
| Month 3 | 900 | 3724 | 0.095 | 353.78 | | 900 | 1924 | 0.095 | 182.78 |
| Month 4 | 900 | 4624 | 0.095 | 439.28 | | 900 | 1924 | 0.095 | 182.78 |
| Month 5 | 900 | 5524 | 0.095 | 524.78 | | 900 | 1924 | 0.095 | 182.78 |
| Month 6 | 900 | 6424 | 0.095 | 610.28 | | 900 | 1924 | 0.095 | 182.78 |
| Month 7 | 900 | 7324 | 0.095 | 695.78 | | 900 | 1924 | 0.095 | 182.78 |
| Month 8 | 900 | 8224 | 0.095 | 781.28 | | 900 | 1924 | 0.095 | 182.78 |
| Month 9 | 900 | 9124 | 0.095 | 866.78 | | 900 | 1924 | 0.095 | 182.78 |
| Month 10 | 900 | 10024 | 0.095 | 952.28 | | 900 | 1924 | 0.095 | 182.78 |
| Month 11 | 900 | 10924 | 0.095 | 1037.78 | | 900 | 1924 | 0.095 | 182.78 |
| Month 12 | 900 | 11824 | 0.095 | 1123.28 | | 900 | 1924 | 0.095 | 182.78 |
| | Total (USD) | | 7933.64 | | | Total (USD) | | 2290.64 | |

EC2 Instance Types

The instance type defines the size of the instance based on:



EC2 Family Types

The instance families are summarized as:

General Purpose

- Balance of CPU, memory and storage
- Ideal for small and medium applications

Compute Optimized

- High performing processors
- High performance front-end, web servers, science applications

GPU

- Optimized for graphic intensive applications

Memory Optimized

- Used for large-scale, enterprise-class, in-memory applications

Storage Optimized

- SSD backed instance storage for low latency and high I/O performance

Instance Purchasing Options

EC2 instances can be purchased through different payment plans:



- On-Demand Instances
- Reserved Instances
- Spot Instances
- Dedicated Instances
- Dedicated Hosts



Let's count down the "Top 10" AWS services that enable you to design highly available, cost efficient, fault tolerant, scalable systems.....

✓ Regions

Availability zones

Virtual private cloud

Elastic load balancer

Simple queue service

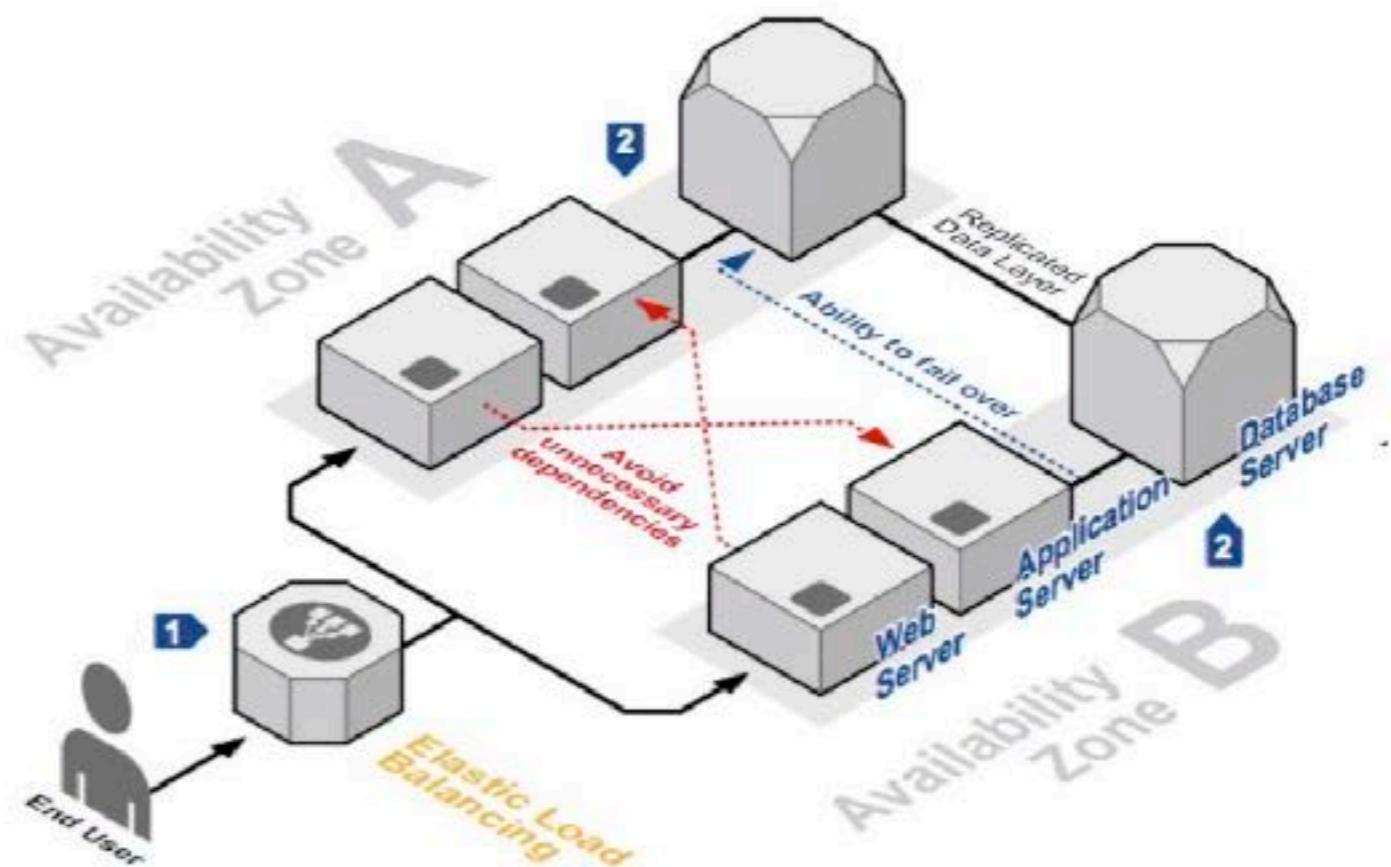
Elastic compute cloud

Elastic IP address

Route53

CloudWatch

Auto Scaling



Regions

- 16 geographical regions including China and GovCloud
- **Each region designed to be isolated from the other AWS regions to achieve greatest possible fault tolerance and stability**
- You only see the resources tied to the region you have specified
- Billing is not tied to a specific region



| Code | Name |
|----------------|---------------------------|
| us-east-1 | US East (N. Virginia) |
| us-east-2 | US East (Ohio) |
| us-west-2 | US West (Oregon) |
| us-west-1 | US West (N. California) |
| eu-west-1 | EU (Ireland) |
| eu-central-1 | EU (Frankfurt) |
| ap-southeast-1 | Asia Pacific (Singapore) |
| ap-southeast-2 | Asia Pacific (Mumbai) |
| ap-northeast-1 | Asia Pacific (Tokyo) |
| ap-southeast-2 | Asia Pacific (Sydney) |
| ap-northeast-2 | Asia Pacific (Seoul) |
| sa-east-1 | South America (São Paulo) |

To describe regions from the AWS CLI - \$ aws ec2 describe-regions

To set your default region - \$ aws configure

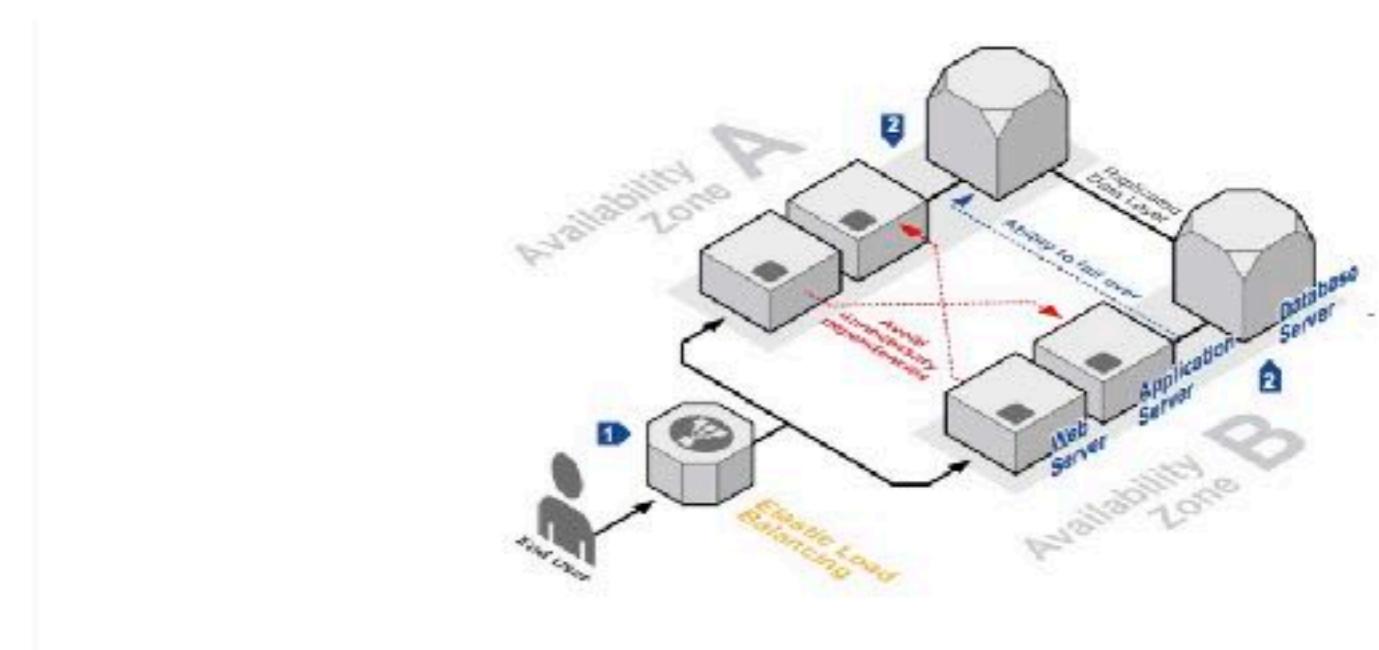
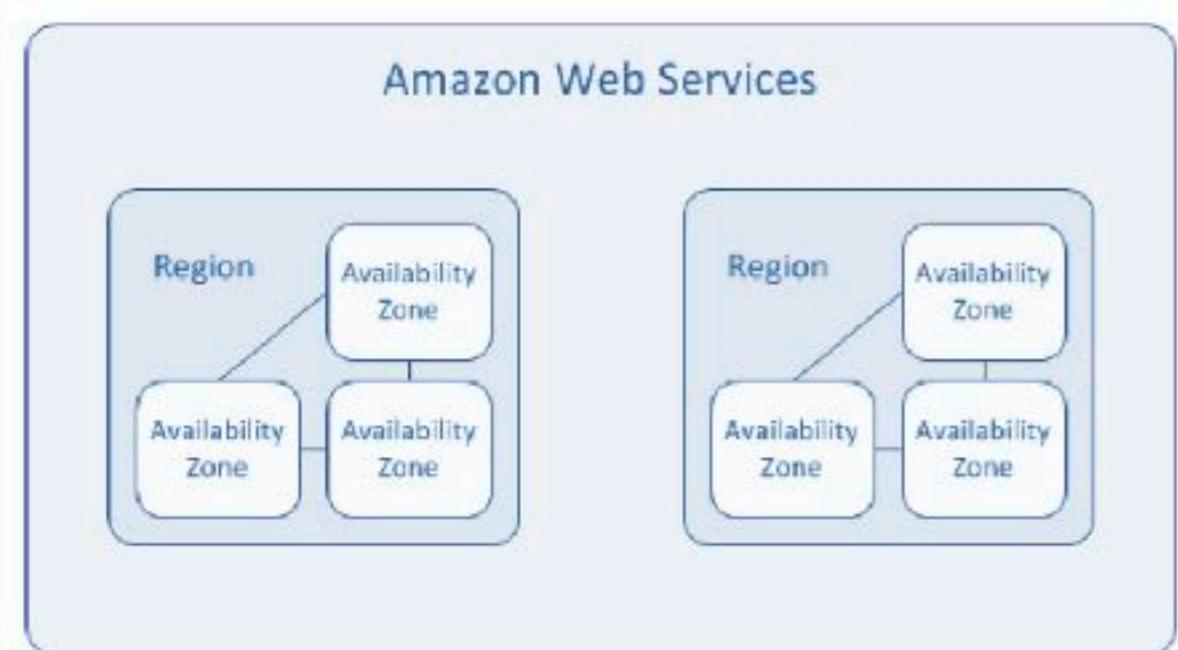
AWS Availability Zones

Each region includes distinct facilities located in different areas within the region called AVAILABILITY ZONES (AZ's).

AZ's are distinct geographical locations that are engineered to be insulated from failures in any other AZ.

Located on separate electrical grids, flood plains, risk profiles.

By placing Amazon EC2 instances in more than one AZ, an application can be protected from failure at a single location.



```
ec2-describe-availability-zones --region us-east-
```

What is Amazon WorkSpaces?

- A Amazon WorkSpaces is a fully managed desktop computing service in the cloud, allowing end-users to access the documents, applications, and resources they need with the device of their choice.
- B Amazon WorkSpaces is a fast and powerful, fully managed, petabyte-scale data warehouse service in the cloud.
- C Amazon WorkSpaces is a web service that enables businesses, researchers, data analysts, and developers to easily and cost-effectively process vast amounts of data.
- D Amazon WorkSpaces is a web service that makes it easy to schedule regular data movement and data processing activities in the AWS cloud.

Answer: A

Amazon WorkSpaces is a fully managed desktop computing service in the AWS cloud, allowing end-users to access the documents, applications, and resources they need with the device of their choice.

8. VIRTUAL PRIVATE CLOUD





Benefits of the VPC

Can control security – seamless integration with ACLs, routing rules and security groups.

Can attach multiple network interfaces.

Can connect a VPC to on-premise (using VPN or Direct Connect).

Can launch dedicated instances for additional isolation.



Virtual Private Cloud (VPC)

Subnets

If you create more than one subnet in a VPC, the CIDR blocks of the subnets must not overlap.

Each subnet must reside entirely within one Availability Zone and cannot span zones.

All subnets can route to each other by default.

The internal IP address range of the subnet is always private.

Each subnet must be associated with a route table.

Every subnet that you create is automatically associated with the main route table for the VPC.

Each subnet must be associated with a network ACL.

If you don't explicitly associate a subnet with a network ACL, the subnet is automatically associated with the default network ACL.

200 subnets per VPC.

You can't change the size of a VPC after you create it. If your VPC is too small, create a new, larger VPC, and then migrate your instances to the new VPC.



Virtual Private Cloud (VPC)

VPC Limits – Quick Summary

5 VPC's per region

Default VPC set up in each region you use

500 security groups

5 IGWs per region

10 VPNs per VPC

200 subnets

5 Elastic IP addresses

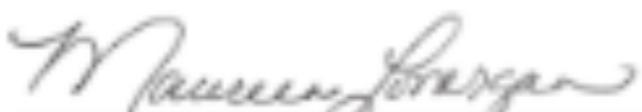
AWS Certified

Solutions Architect – Professional Level

Rexwell Minnis

Has successfully completed the AWS Certification requirements and is recognized
as an **AWS Certified Solutions Architect – Professional Level**

Certificate AWS-PSA-2332



Meagan Ferguson
Director, Training and Certification

July 11, 2016

Certification Issue Date

July 11, 2018

Expiration Date



Certified

SA - Professional

The table below lists the domains measured by this examination and the extent to which they are represented.

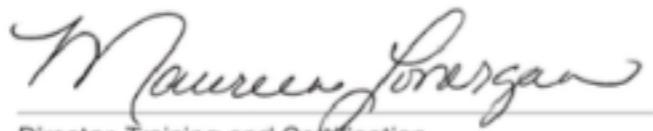
| Domain | % of Examination |
|---|------------------|
| 1.0 High Availability and Business Continuity | 15% |
| 2.0 Costing | 6% |
| 3.0 Deployment Management | 10% |
| 4.0 Network Design | 10% |
| 5.0 Data Storage | 15% |
| 6.0 Security | 19% |
| 7.0 Scalability & Elasticity | 15% |
| 8.0 Cloud Migration & Hybrid Architecture | 10% |
| TOTAL | 100% |

AWS Certified Developer – Associate Level

Ya QIN

Has successfully completed the AWS Certification requirements and is recognized
as an **AWS Certified Developer – Associate Level**

Certificate AWS-ADEV-8844



Director, Training and Certification

February 11, 2017

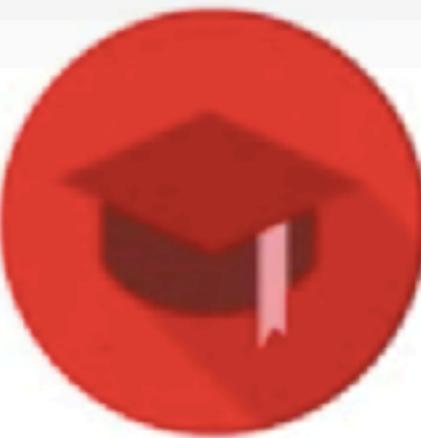
Certification Issue Date

February 11, 2019

Expiration Date



Certified



Course Structure

The table below lists the domains measured by this examination and the extent to which they are represented.

| Domain | % of Examination |
|------------------------------|------------------|
| 1.0 AWS Fundamentals | 10% |
| 2.0 Designing and Developing | 40% |
| 3.0 Deployment and Security | 30% |
| 4.0 Debugging | 20% |
| TOTAL | 100% |

https://d0.awsstatic.com/training-and-certification/docs-dev-associate/AWS_certified_developer_associate_blueprint.pdf

Certified Developer- Associate for AWS



Introduction:

Course One: AWS Fundamentals – compute, storage and services

Course Two: Designing and Developing Cloud Solutions

Course Three: Deployment and Security

Course Four: Monitoring and Debugging

Conclusion: Sample questions and exam tips



 CloudAcademy



1:33 / 1:34

720p

Subtitles

Speed



1/1



2m



52



DOWNLOAD COURSE

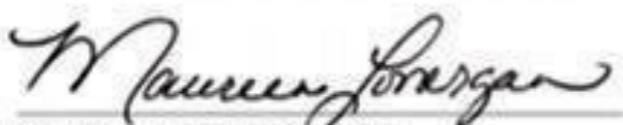
AWS Certified

SysOps Administrator – Associate Level

Prabhakaran Jayaraman Masani

Has successfully completed the AWS Certification requirements and is recognized
as an **AWS Certified SysOps Administrator – Associate Level**

Certificate AWS-ASOA-6083



Director, Training and Certification

January 04, 2017

Certification Issue Date

January 04, 2019

Expiration Date



Certified

SysOps Admin

| Domain | % of Examination |
|---------------------------------|------------------|
| 1.0 Monitoring and Metrics | 15% |
| 2.0 High Availability | 15% |
| 3.0 Analysis | 15% |
| 4.0 Deployment and Provisioning | 15% |
| 5.0 Data Management | 12% |
| 6.0 Security | 15% |
| 7.0 Networking | 13% |
| TOTAL | 100% |

- 1 Domain 1.0: Monitoring and Metrics**
 - 1.1 Demonstrate ability to monitor availability and performance ✓
 - 1.2 Demonstrate ability to monitor and manage billing and cost optimization processes
- 2 Domain 2.0: High Availability**
 - 2.1 Implement scalability and elasticity based on scenario
 - 2.2 Ensure level of fault tolerance based on business needs
- 3 Domain 3.0: Analysis**
 - 3.1 Optimize the environment to ensure maximum performance
 - 3.2 Identify performance bottlenecks and implement remedies
 - 3.3 Identify potential issues on a given application deployment
- 4 Domain 4.0: Deployment and Provisioning**
 - 4.1 Demonstrate the ability to build the environment to conform with the architected design
 - 4.2 Demonstrate the ability to provision cloud resources and manage implementation automation
- 5 Domain 5.0: Data Management**
 - 5.1 Demonstrate ability to create backups for different services
 - 5.2 Demonstrate ability to enforce compliance requirements
 - 5.3 Manage backup and disaster recovery processes
- 6 Domain 6.0: Security**
 - 6.1 Implement and manage security policies
 - 6.2 Ensure data integrity and access controls when using the AWS platform
 - 6.3 Demonstrate understanding of the shared responsibility model
 - 6.4 Demonstrate ability to prepare for security assessment use of AWS
- 7 Domain 7.0: Networking**
 - 7.1 Demonstrate ability to implement networking features of AWS
 - 7.2 Demonstrate ability to implement connectivity features of AWS

AWS Certified DevOps Engineer - Professional

Rexwell Minnis

Has successfully completed the AWS Certification requirements and is recognized
as an **AWS Certified DevOps Engineer - Professional**

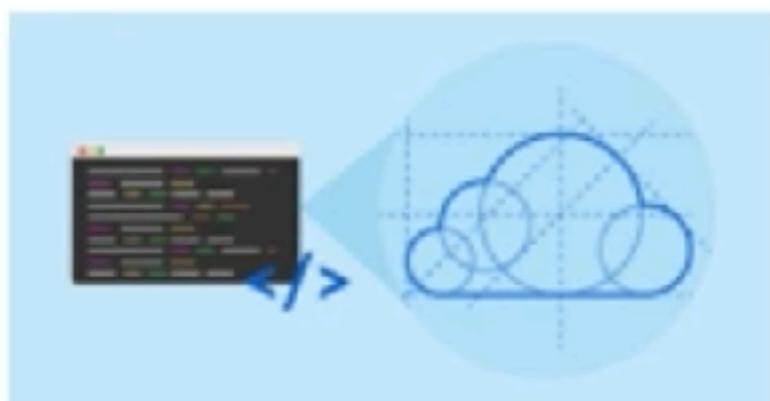
Certificate AWS-PDOE-995



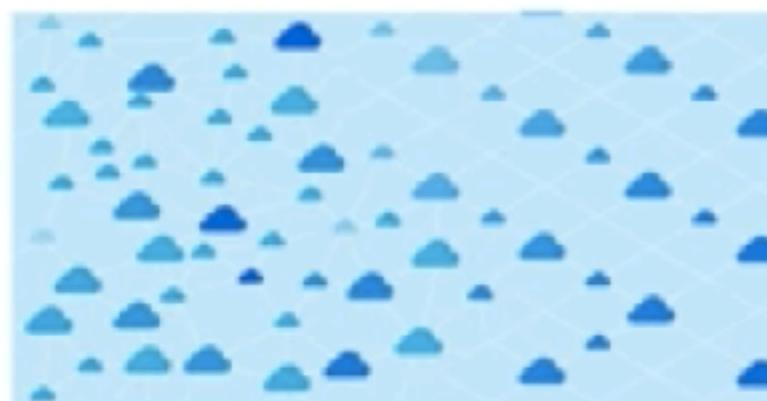
Why this Certification?

- Difficult and Rare
- Broad and Deep
- Sought After
- Career Opportunities

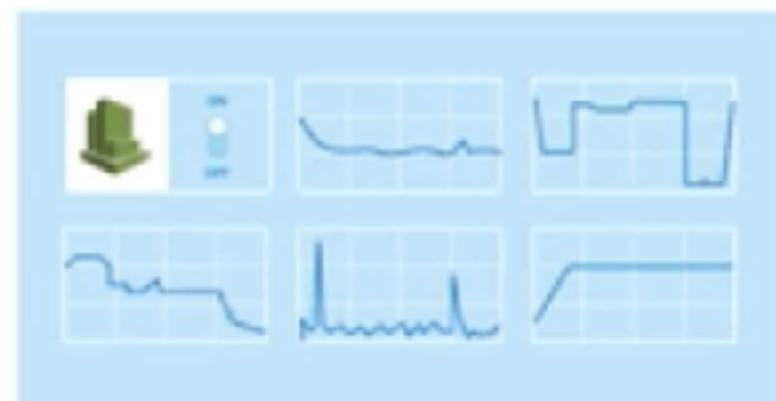
Cloud Academy DevOps Engineer Professional Certification for AWS
Learning Path teaches practical guidelines for how to perform DevOps job duties



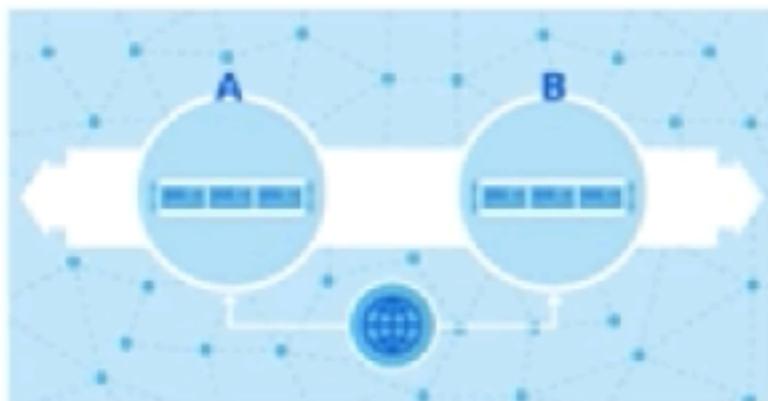
Deployment



Governance



Monitoring



Availability



CloudFormation

| | Partner Benefits | Partner Requirements | | |
|--|------------------|----------------------|--|---|
| Requirements | Standard | Advanced | Premier | |
| APN Program Fee | \$2,500/year | \$2,500/year | \$2,500/year | |
| Customer References on AWS | 2 | 6 | 10 within the past 12 months | |
| AWS Technical Professional Accreditations or Instructor-Led Training | 2 | 8 | 20 | |
| AWS Business Professional Accreditations | 2 | 8 | 20 | |
| AWS TCO & Cloud Economics Accreditations | | 4 | 8 | |
| AWS Certifications - Associate Level | 2 | 4 | 20 | |
| AWS Certifications - Professional Level | | 2 | 8 | |
| Minimum Direct and Influenced AWS Billings (3 month average) | \$1K | \$50K | Must achieve minimum AWS billing requirements per region | |
| AWS Support Level | Developer+ | Business+ | Business+ | |
| Advanced Level for 12+ months | | | | ✓ |
| APN Competency | | | | 1 |
| Audited Managed Service Provider or DevOps Consulting Competency | | | | ✓ |
| AWS Partner Practice Plan | | | | ✓ |
| Customer Satisfaction (CSAT) Review | | | | ✓ |
| Dedicated Partner Alliance Manager for AWS | | | | ✓ |
| Dedicated Project Manager for AWS | | | | ✓ |
| Adheres to AWS Security Best Practices* | | | | ✓ |
| Demonstrates quality delivery capabilities across designated country or region | | | | ✓ |

Thank You!



CloudAcademy