



ADDITIONAL RESOURCES FOR AWS SAA-C03 COURSE

Francisco Javier Moreno Diaz
fmorenod@gmail.com
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Detect your weakness



Amazon VPC

VPN vs Direct Connect



Amazon Simple Storage Service

Bucket Policies vs ACL

S3 Encryption
Storage Types
Lifecycle
S3 Events
Signed URLs



Amazon Kinesis

Kinesis: Streams vs. Firehose vs. Analytics
Kinesis vs. Redshift vs. EMR (you will get scenario-based questions with these)
Athena's differences from Kinesis



Amazon RDS

Multi-AZ Rep
Read Replica
Snapshots



AWS Lambda

Limits/timeouts
Events and what services are generally used with Lambda triggers

Strategies on the exam

Questions

When presented with a scenario-based question, *read the kicker (Questions) first.*

If they give you information it is relevant to choosing between options, the most of the times.

If they don't give you a piece of information you don't need it. Don't assume and do not add information that is not there.

Use process of elimination for every question. Look for how the answers self-eliminate

Read questions twice.

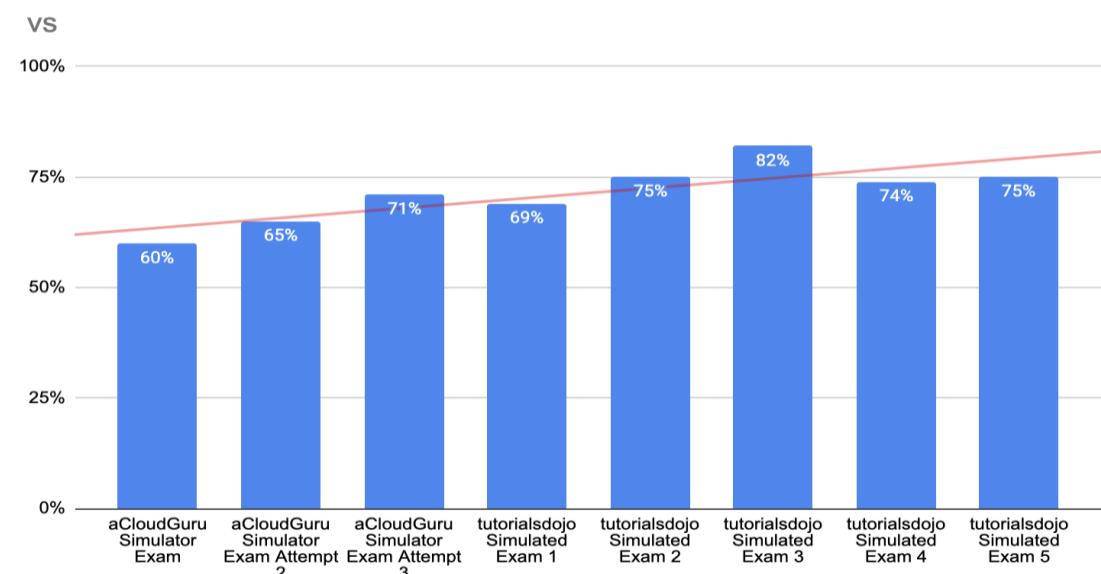
Use the “Mark for Review” feature.

Answers

Use questions to answer other questions on the real exam. You cannot assume additional services or configurations if not given

I suggest that you practice dissecting questions and answers with our practice exams (Dump Exams/Practice Exams).

Do the labs over a few times. but focus on why you are doing each step.



Cheat sheets

All:

<https://ipspecialist.net>

<https://k21academy.com>

AWS, Azure and GCP:

<https://tutorialsdojo.com>

<https://jayendrapatil.com>

AWS:

<https://digitalcloud.training>

<https://github.com/open-guides/og-aws>

jayendrapatil.com

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Certification Catalog

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Azure Certification Catalog

TD

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AWS Cheat Sheets

Our **AWS cheat sheets** were created to give you a bird's eye view of the important AWS services that you need to know by heart to be able to pass the different **AWS certification exams** such as the AWS Certified Cloud Practitioner, AWS Certified Solutions Architect Associate, as well as the other Associate, Professional, and Specialty certification exams. It's presented mostly in bullet points to provide you with easy-to-digest and easy-to-remember notes that will help you gain a better understanding of the different AWS services.

While these AWS cheat sheets will save you from going through all the AWS documentations, we still highly recommend that you read those as well as the whitepapers to supplement your exam preparations. Also, check out these helpful [AWS exam study guides](#) which contain tips and resources that you can use while reviewing for your AWS certification exam.

We also recommend that you answer as many [AWS practice test questions](#) as you can to further increase your chances of passing the exam. And if you want to access only the [relevant](#) cheat sheets for the specific AWS exams that you are preparing for then check out the [Tutorials Dojo Study Guide and Cheat Sheets eBooks](#).

All the best!

▶ AWS OVERVIEW

◀ COMPARISON OF AWS SERVICES

▶ AWS COMPUTE SERVICES

DigitalCloud TRAINING

AWS CERTIFIED SOLUTIONS ARCH NOTES [CHEAT]

These in-depth Cheat Sheets for the AWS Certified Solutions Architect exam will give you a quick overview of much every fact you need to know to successfully pass the AWS certification exam. We have based these cheat sheets on the [latest AWS exam blueprint](#). The AWS Solution Architect Associate exam has changed over time and during this time we have kept to information that is specific to this certification exam. This cheat sheet is organized into the same sections you see in the exam blueprint.

Compute Storage

Practice/Mock Exams or Dumps

Paid Options :

The screenshot shows the Udemy course page for "AWS Certified Solutions Architect Associate Practice Exams". The course has a rating of 4.6 stars from 15,447 reviews and 79,939 students. It was last updated on November 23, 2018. The course includes 6 practice exams, access to the portal, and mobile access. A "Test your knowledge" section features a "Topic 1 - Single Topic" with 20 questions, a pass mark of 70%, and exam coverage. The course also includes a "Tutorials Dojo" portal with a "REVIEW" mode.

<https://www.udemy.com/course/aws-certified-solutions-architect-associate-amazon-practice-exams-saa-c02/>

<https://www.udemy.com/course/practice-exams-aws-certified-solutions-architect-associate/>

Free Options:

<https://www.examtopics.com/exams/amazon/aws-certified-solutions-architect-associate/view/1/>

<https://www.simplilearn.com/aws-solutions-architect-exam-free-practice-test>

<https://digitalcloud.training/aws-solutions-architect-free-practice-questions/>



What is their purpose?
What does quality level the questions have ?
Are they updated with the latest version ?

Whitepapers & FAQs

Overview of Amazon Web Services (90 Pags):

<https://d1.awsstatic.com/whitepapers/aws-overview.pdf>

AWS Storage Services Overview (54 Pags):

<https://d0.awsstatic.com/whitepapers/AWS%20Storage%20Services%20Whitepaper-v9.pdf>

AWS Security Process (97 Pags):

<https://d0.awsstatic.com/whitepapers/Security/AWS%20Security%20Whitepaper.pdf>

Fault-Tolerant Components on AWS (23 Pags):

<https://d1.awsstatic.com/whitepapers/aws-building-fault-tolerant-applications.pdf>

AWS Well-Architected Framework (97 Pags):

https://d1.awsstatic.com/whitepapers/architecture/AWS_Well-Architected_Framework.pdf

The screenshot shows a web browser displaying the AWS Storage Gateway User Guide. The URL in the address bar is docs.aws.amazon.com/storagegateway/latest/userguide/WhatIsStorageGateway.html. The page title is "AWS Storage Gateway User Guide". A red box highlights the "Documentation" link in the breadcrumb navigation. The main content area is titled "What Is AWS Storage Gateway?" and includes links for "PDF", "Kindle", and "RSS". Below the title, a paragraph describes the service's function: "AWS Storage Gateway connects an on-premises software appliance with cloud storage infrastructure. You can use the service to store data in the AWS Cloud". A red box also highlights the "What Is AWS Storage Gateway?" section in the left sidebar.

Products Solutions Pricing Documentation Learn Partner Network AWS Marketplace Customer Enablement

Amazon S3

Overview

Features

Storage classes

Pricing

Security

Resources

FAQs

Products / Storage / Amazon S3 / ...

Amazon S3 FAQs

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General

Regions

Billing

Security

Durability & Data Protection

S3 Access Points

S3 Intelligent-Tiering

S3 Standard-Infrequent Access (S3 Standard-IA)

S3 One Zone-Infrequent Access (S3 One Zone-IA)

Amazon S3 Glacier

Amazon S3 Glacier Deep Archive

Query in Place

Event Notifications

General S3 FAQs

Q: What is Amazon S3?

Amazon S3 is object storage built to store and retrieve any amount of data at any time from anywhere on the web. It is a highly durable, highly available, and cost-effective storage service that offers an extremely durable, highly available, and very low costs.

Q: What can I do with Amazon S3?

Amazon S3 provides a simple web service interface that you can use at any time, from anywhere on the web. Using this web service, you can easily store and retrieve data from your application as you wish, with no compromise on performance or reliability.

Amazon S3 is also designed to be highly flexible. Store any type and amount of data a million times or only for emergency disaster recovery; build a complex application such as the Amazon.com retail web site. Amazon S3 free up valuable time by figuring out how to store their data.

Q: How can I get started using Amazon S3?

To sign up for Amazon S3, click [this link](#). You must have an Amazon account to sign up. If you do not already have one, you will be prompted to create one when you sign up. Please refer to the Amazon S3 documentation and sample applications for more information about using Amazon S3.

Options



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Training and Certification

Get Trained ▾

Get Certified ▾

AWS Cloud Institute

The virtual cloud-skills training program that will help you learn AWS skills over one year - regardless of your technical background.

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- [Free Tier \(\\$\\$, < 6 Months\)](#)



AWS TRAINING AND CERTIFICATION

Join the Get AWS Certified: Foundational and Associate Challenge

certification

NVS Academy

owering higher education institutions to prepare students for successful careers and careers in the cloud

[Fill out institution application](#)

Proven Resources

Courses

Ryan Kronneburg: <https://www.udemy.com/aws-certified-solutions-architect-associate/>

Pluralsight: <https://app.pluralsight.com/patterns/certificate/aws-certified-solutions-architect-associate>

Exams

Jon Bonso [6 exams]: <https://www.udemy.com/aws-certified-solutions-architect-associate-amazon-practice-exams/>

Ryan Kronneburg [3 exams]: <https://www.udemy.com/aws-certified-solutions-architect-associate-practice-tests>

Books (Changed due to change of AWS New Exam)

Ben Piper et al. - [AWS Certified Solutions Architect Study Guide – 2019](#)

AWS Services in Action

AWS Solutions Architect – Exam Guide IP Specialist

My Own Repo (Without Responsibility of Author or Unisabana)

<https://github.com/fmorenod81/unisabana>

AWS Community Heroes

<https://aws.amazon.com/heroes>

OpenGuide

<https://github.com/open-guides/og-aws>

Exam Techniques:

<https://www.toptal.com/aws-cloud-engineers/aws-certified-solutions-architect-exam-tips>

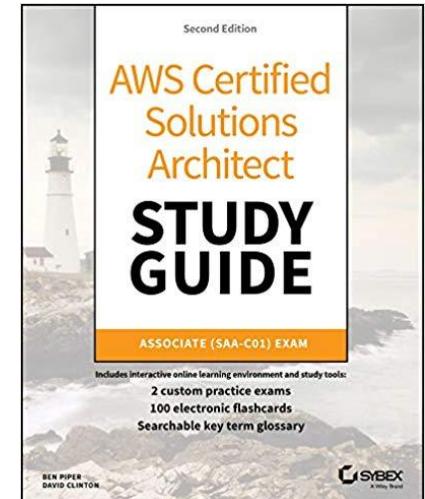
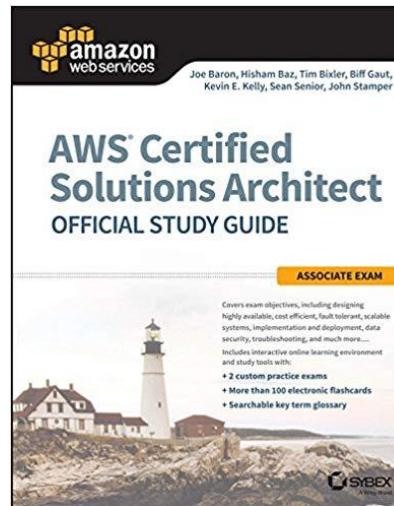
<https://help.acloud.guru/hc/en-us/articles/115002526813-How-to-correctly-answer-AWS-exam-questions>

Experiences:

<https://reece.tech/posts/how-to-pass-aws-solution-architect-exam/>



PLURALSIGHT



What is the cloud ?



(..) a model for enabling **ubiquitous**, **convenient, on-demand** network access to a **shared pool** of **configurable** computing resources (e.g., networks, servers, storage, applications, and services) that can be **rapidly provisioned** and released with **minimal management** effort or service provider interaction.

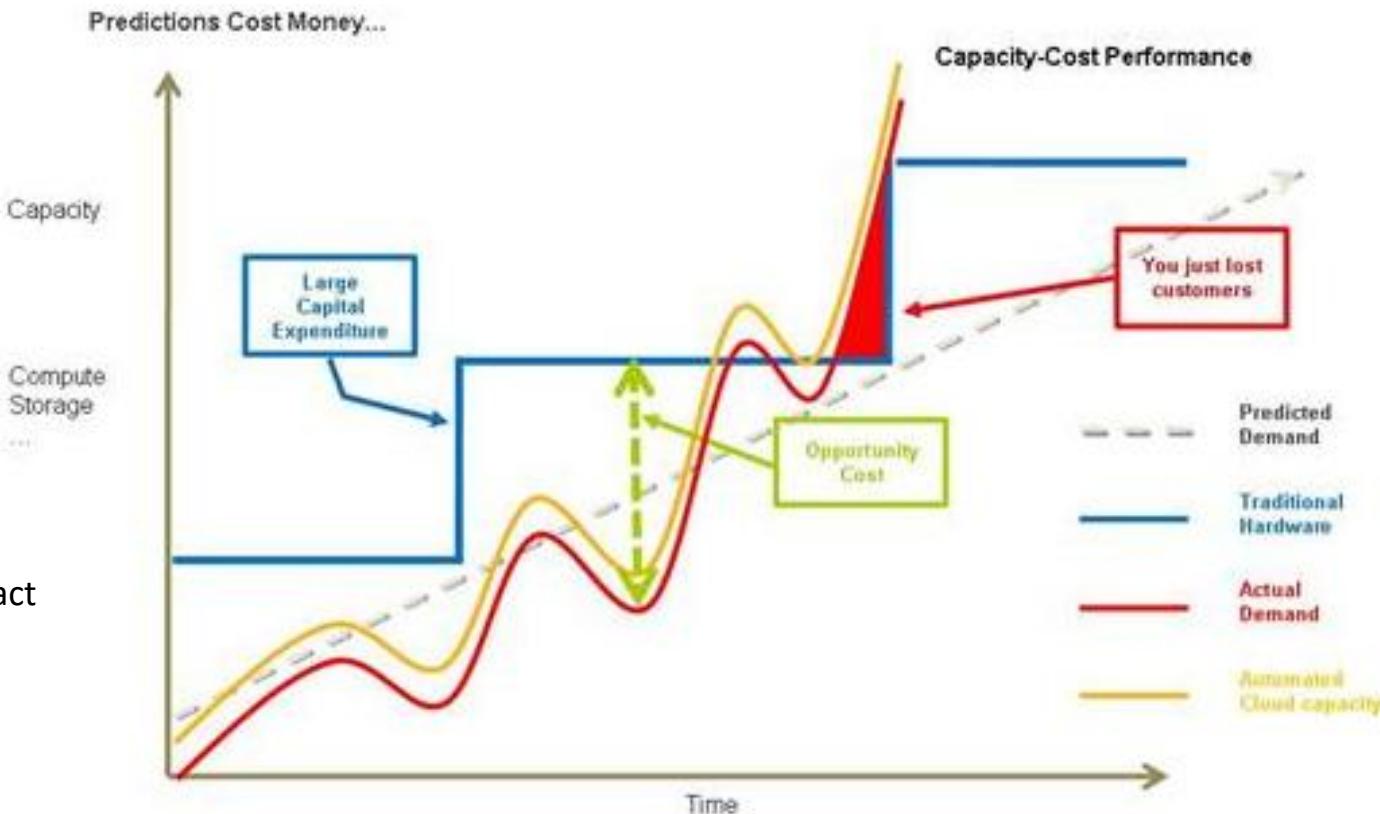
NIST Definition. SP 800-145



1. Escalable/Ajustado
2. Disponibles
3. Automatizables

Cloud Costs

- Infrastructure Costs: CAPEX and OPEX
- Capacity Expenditure (CAPEX): license? Upgrades?
- Operational Expenditure (OPEX)
- Total Cost of Ownership - Both (TCO) defined on a Business Case
 - Include: Salaries, Hardware, Space, Cooling, Datacenter Contract
- [Introduction to \(AWS\) Economy](#)
- [Cloud Economics Center](#)



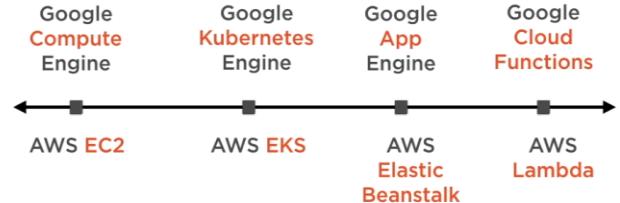
Scalability vs Elasticity

- Scalable vs Elasticity
- Elasticity out (More machines)
 - Scale In, Scale Out
- Elasticity up (More resources)
 - Scale Up, Scale Down
- How does Cloud take the decision ?
 - Datapoints, Timestamp, Metrics, Dimensions.
- Which method can work better?
 - Reactive or Proactive (Predictive) Actions
- Other Terms:
 - Fault Tolerance
 - High Availability (HA): LB, AS and CDN
 - Disaster Recovery Plan – DRP or Business Continuity Plan.

	Scalability	Elasticity
What is it?	Scalability is the ability of a system to uphold its functionality when the size or volume changes	Elasticity is the ability to dynamically manage available resources for addressing the size or volume
Use case	To meet the static increase in the workload	To meet the dynamic increase in the workload
Type	Strategic operation	Tactical approach
Focuses on	Design/architecture	Operations
Resource provisioning	To exceed future demands	To meet the present demand
Consideration	Medium- and long-term predictions	Short-term demand
Execution by	Typically scheduled	Typically triggered by automation



AWS Compute Choices



Every major cloud platform supports the same range of compute choices

Services Models of Cloud Computing

Other additional as-a-Services:

DBaaS

LBaaS

FaaS

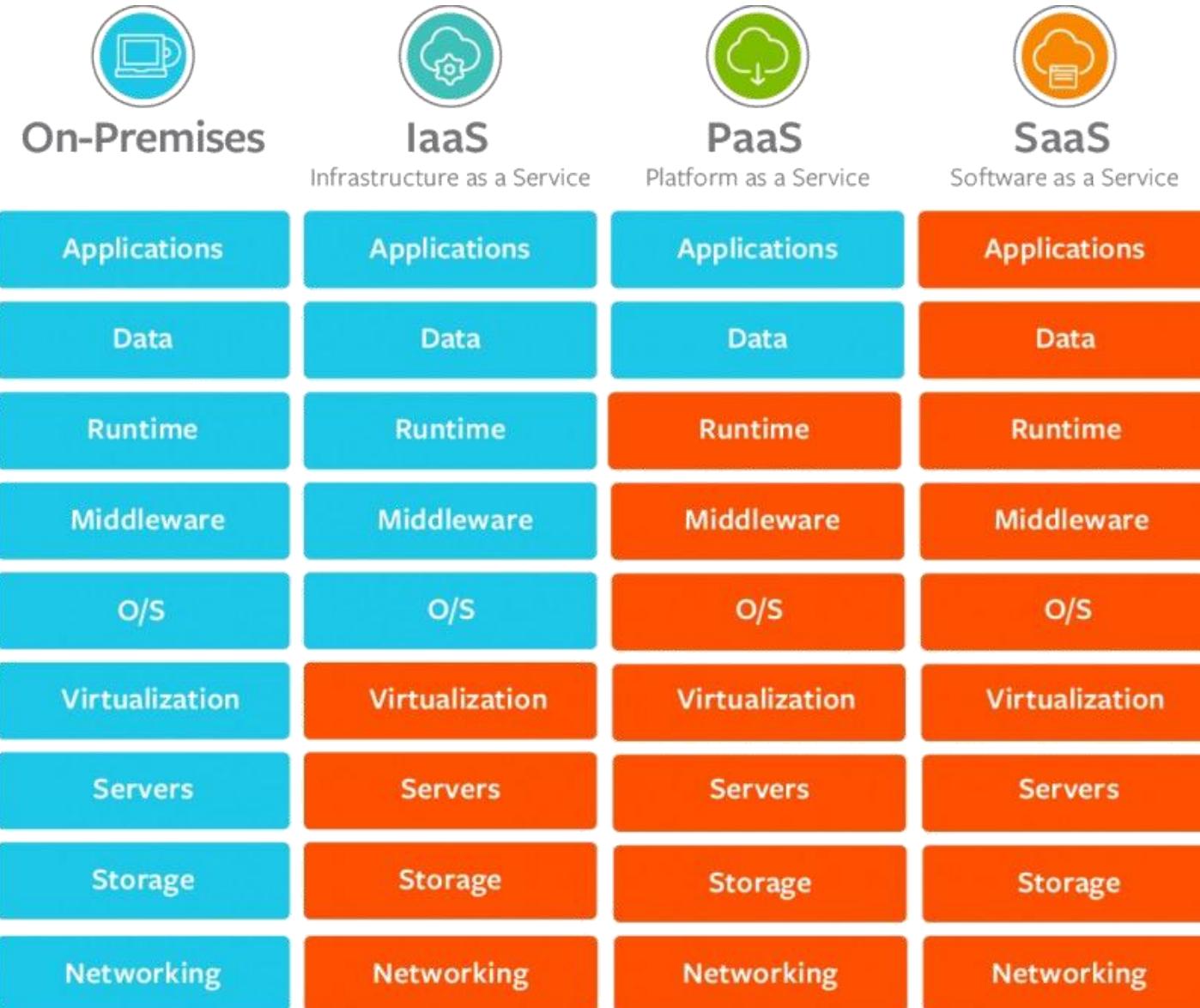
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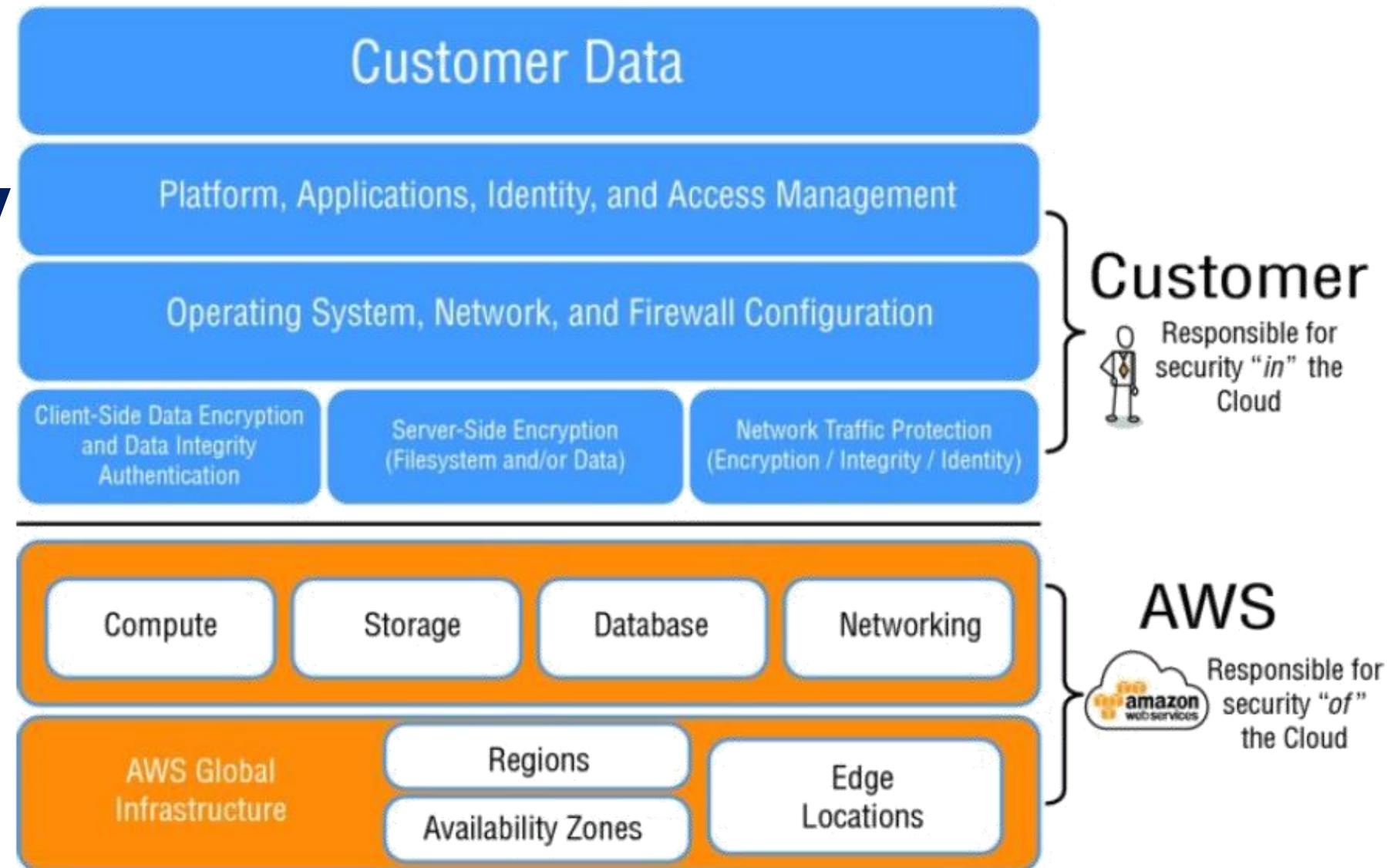
You Manage



Other Manages

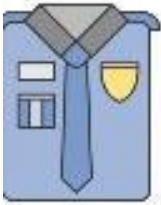


Shared Responsibility Model



AWS well-architected framework

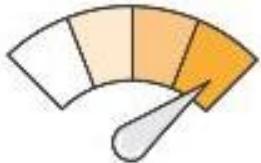
Set of questions you can use to evaluate how well an architecture is aligned to AWS best practices



Security



Reliability



Performance efficiency



Cost optimization



Operational excellence

