

The background is a dark blue digital interface with a grid pattern. A hand is pointing at a glowing white cloud logo with the 'aws' text and the Amazon arrow. Surrounding the central logo are various glowing icons: a padlock, a globe, a Wi-Fi signal, a magnifying glass, an envelope, a shopping cart, and a classical building. Red lines connect these icons to the central cloud logo. The overall aesthetic is high-tech and futuristic.

PERSONAL THOUGHTS FOR AWS SAA-C03 COURSE

Francisco Javier Moreno Diaz
fmorenod@gmail.com
January 2026

Agenda

Value of being certified

AMS Certification & Training
Top and innovative in their field your Global Career
Building innovation

Top 10 Benefits of AWS Certification

5 Ways Professional Certifications Add Value

THE VALUE OF CERTIFICATION
In a world where competition for jobs, pay increases, and academic success continues to increase, professionals often hope because they are a credible, third-party assessment of their skill and knowledge for a given subject.

**Account - Labs
Community
Market Share
Employment Market
LATAM Markets**

Architect Types

Architect Roles
Architectural Styles
Architectural Patterns
Architectural Frameworks

Guide Implementation → Measure tradeoffs to take decisions
Deliver blueprint/diagram Describe added business value:

Paradigms of using microservices

Scaling up the Prime Video audio/video monitoring service and reducing costs by 90%

Best of 2023: Docker Build Microservices, Pursue Loose Coupling

Rebuilding Netflix Video Processing Pipeline with Microservices

What's about the U ?

infobae

¿Te gusta ir a la escuela o a la universidad? La respuesta rápida es: sí, y estas son las razones

La educación tradicional ha estado, como debe, valorando para continuar siendo relevante

Cuando el aprendizaje llega en pequeñas dosis, qué es el relearning y por qué funciona

Don't follow normal structures

68-year-old has spent 50 years at the same company as an engineer, even without a college degree—this is his one regret

Experiment: IT companies eager to hire self-taught pros

Estudiar informática ha dejado de ser el camino hacia la tierra prometida del dinero y la seguridad laboral



Learning process

- Concepts and Mindsets Types
- Strategy

Teaching & Learning Illuminated

THE BIG BANG OF LEARNING

FROM THE EDITORS OF THE JOURNAL OF LEARNING
BRADLEY BOGGS & EDWARD WATSON
AND LUDMILA BOROVCHIK

Don't follow normal structures

CNBC make it SUCCESS MONEY WORK LIFE VIDEO

CLOSING THE GAP
29-year-old makes \$125K working in tech without a bachelor's degree—here's how

POP CULTURE AND MEDIA
Oscars 2024: Greta Gerwig was rejected by every grad school she applied to

WORK
Want a job or pay raise? Here's how to ask for it

WORK

68-year-old has spent 50 years at the same company as an engineer, even without a college degree—this is his one regret

Published Sun, Oct 1 2023 9:30 AM EDT

 Jennifer Liu
@IN/JLJENNIFERLIU
@JLJENNIFERLIU

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Estudiar informática ha dejado de ser el camino hacia la tierra prometida del dinero y la seguridad laboral

Kwan Wei Kevin Tan, Business Insider 23 nov. 2023 23:30h.



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Experiment: IT companies eager to hire self-taught pros

Updated on: November 15, 2023 12:53 PM  1



Ernestas Naprys, Senior Journalist



What's about the U ?

infobae

Trends Reserva Federal Iván Noble Germán Berterame Manuel Adorni Combustibles

EDUCACIÓN >

¿Todavía vale la pena estudiar en la universidad? La respuesta rápida es: sí, y estas son las razones

En diálogo con Tictas, Michael Fung, director del Instituto para el Futuro de la Educación del Tec de Monterrey, y Mercedes Mateo Díaz, jefa de la División Educación del Banco Interamericano de Desarrollo, hablaron de la permanente relevancia de los estudios superiores



Por Patricio Zunini

+ Seguir en

28 Ene, 2026 01:16 a.m. CO



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Trends Reserva Federal Iván Noble Germán Berterame Manuel Adorni Combustibles

EDUCACIÓN >

Cuando el aprendizaje llega en pequeñas dosis: qué es el microlearning y por qué funciona

Las cápsulas educativas generan un gran mercado en las capacitaciones empresariales y académicas e impulsan la filosofía del aprendizaje a lo largo de la vida. Diversos estudios indican que se obtiene hasta un 80% de retención con respecto a métodos tradicionales

Por Mariana Kozodij

+ Seguir en

20 Ene, 2026 10:05 p.m. CO



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Trends Reserva Federal Iván Noble Germán Berterame Manuel Adorni Combustibles

EDUCACIÓN >

La universidad tradicional ha muerto: cómo debe reinventarse para continuar siendo relevante

Comenzó la onceava edición del IFE Conference en el Tec Monterrey. El encuentro de apertura contó con cinco líderes educativos que debatieron sobre cómo la educación superior puede mantener su relevancia

+ Seguir en

27 Ene, 2026 10:05 p.m. CO



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READING & LITERACY

'I Literally Cried': Teachers Describe Their Transition to Science-Based Reading Instruction



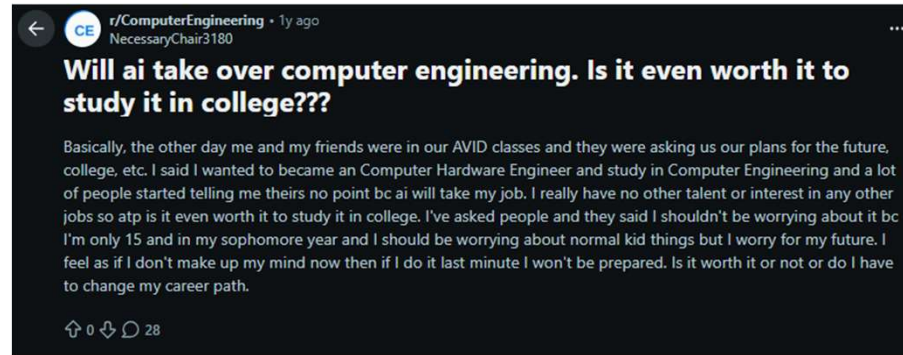
By [Elizabeth Heubeck](#) — September 15, 2023 ⌚ 6 min read

Cognitive Bias:

Outcome Bias (Historian Error): Once you look back, every decision looks like it makes sense. But when you are in the moment, it is not that clear. The 2008 bank crisis seems very easy to understand, but back in time, even the smartest Wall

#6 Reciprocity

Reciprocity is the central core of cooperation among people that sustains economy growth and social development. The act of reciprocity are employed by Non-Governmental Organizations (NGOs) and philanthropic



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ROLF DOBELLI

Value of being certified



AWS Certification & Training

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THE VALUE OF CERTIFICATION

SKILLS HAVE BECOME THE GLOBAL CURRENCY OF 21ST CENTURY ECONOMIES!

In a world where competition for jobs, pay increases, and academic success continues to increase, certifications offer hope because they are a credible, third-party assessment of one's skill and knowledge for a given subject.

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Home > Blog > Manage a Small Business > 5 Ways Professional Certifications Add Value

5 Ways Professional Certifications Add Value

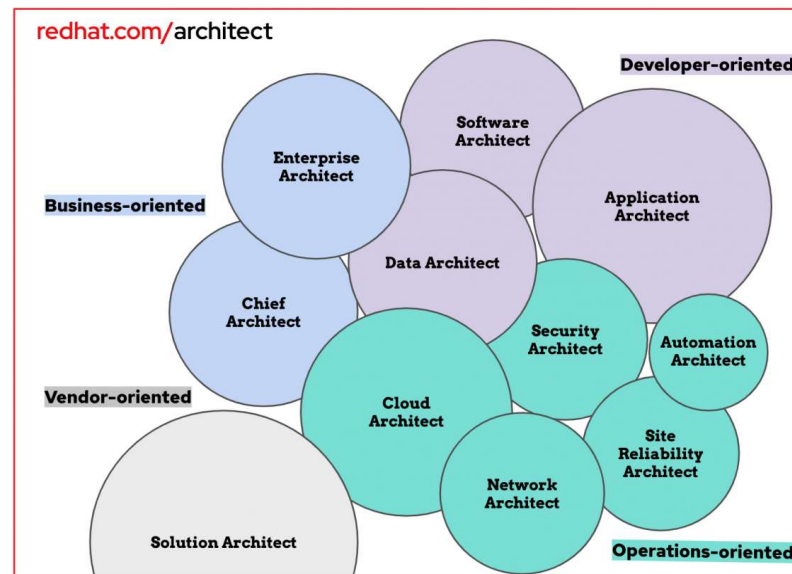
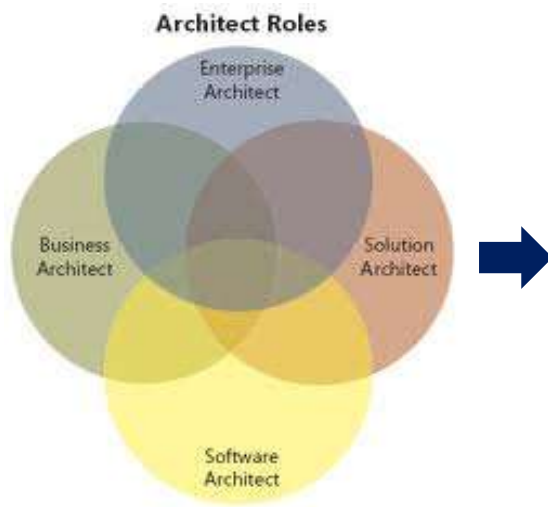
MBO By MBO Partners | April 1, 2022

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{ Account – Labs
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LATAM Marketa

Architect Types



Guide Implementation →
Measure tradeoffs to take
decisions

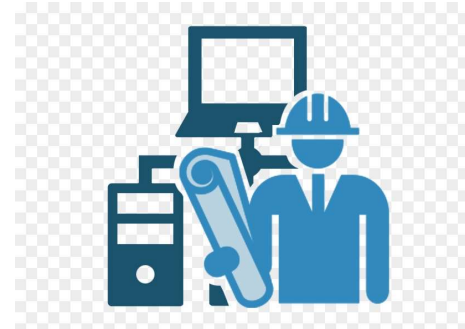
Deliver blueprint/diagram
Describe added business
value.

Advantages

Guide implementation

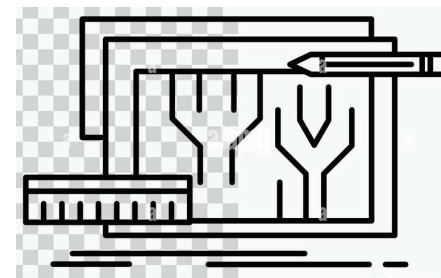
- Don't reinvent the wheel – Proven tools and simultaneous projects
- Reduce time-to-market (TTM)
- Reduce risk and costs
- Protects the installed base
- Strengthen innovation
- Create good/best/unique practices
- Supports Open Standards and Services
- Build trust by having secure government and constant monitoring
- Gives transparency

EFFICIENCY



Time
Costs
Trained staff

IMPLEMENTATION



Design
Constant change
Open

Paradigms to be on cloud

THE NEW STACK

PODCASTS EBOOKS EVENTS NEWSLETTER

ARCHITECTURE ENGINEERING OPERATIONS

CLOUD NATIVE ECOSYSTEM / CLOUD SERVICES / FINOPS / HARDWARE / OPERATIONS

'Merchants of Complexity': Why 37Signals Abandoned the Cloud

Provisioning a fleet of servers in 30 minutes is magic, but it is not a requirement that comes up that often for most businesses, David Heinemeier Hansson argues.

Dec 26th, 2023 8:15am by [Joab Jackson](#)



★★★★★ "GETS BETTER AND BETTER"

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Leaving the Cloud: Cloud Computing Isn't For Everyone

We've run extensively in both Amazon's cloud and Google's cloud, but the savings never materialized. So we've left.

Introduction to AWS Economics

Reducing Costs and Complexity

May 2015



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GLG Brightpaper - The business value of Amazon W

Cloud Economics Center

Understand and optimize the value of AWS

[Get started](#)

Paradigms of using microservices

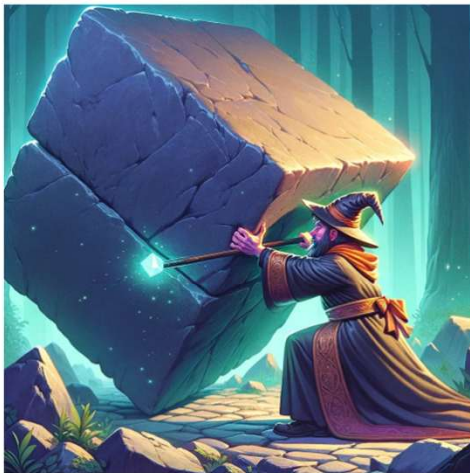
prime video | TECH

Homepage Our Innovation Our People

Video Streaming

Scaling up the Prime Video audio/video monitoring service and reducing costs by 90%

The move from a distributed microservices architecture to a monolith application helped achieve higher scale, resilience, and reduce costs.



Architecture Style : Modulith (vs Microservices)

Pier-Jean Malandrino · Follow
Published in Level Up Coding · 4 min read · Jan 28, 2024

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Hot Topics Project Maintainers Add Code Profiling Capabilities Time to Extend DevOps Visibility to the Network Edge

Best of 2023: Don't Build Microservices, Pursue Loose Coupling

Best of 2023: Don't Build Microservices, Pursue Loose Coupling



BY: CHRIS BERTINATO ON DECEMBER 26, 2023

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Rebuilding Netflix Video Processing Pipeline with Microservices

Top highlight



Netflix Technology Blog · Follow

Published in Netflix TechBlog · 9 min read · Jan 10, 2024

Paradigms of using in the normal way

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OpenTF Joins The Linux Foundation as OpenTofu!



Omry Hay

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DEV

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Lucas F. da Costa

Posted on 29 Aug 2023



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One staging for each engineer: introducing Layerform

[#devops](#) [#infrastructureascode](#) [#terraform](#)

Instructor

- **Comms Engineer**, M.Sc., University of York, UK. **Electronic Engineer**, U Javeriana.
- {Enterprise, Solutions, Software} **Architect**, **DevOps Engineer**, Low-Level **Developer**.
- 17 years of working experience on massive transport, financial companies (Banks and **Transactional Platforms**) and software companies (Current).
- 40+ (22+ active) Cloud Certifications

 /in/fmorenod - fmorenod@gmail.com



Gartner Market Share by years

2019

2020

2021

2022

Evaluation Criteria

1. Market share: Number of clients
2. Installed base
3. Types of products/services
4. Target market
5. Other defining characteristic

Figure 1: Magic Quadrant for Cloud Infrastructure and Platform Services



Learning Path

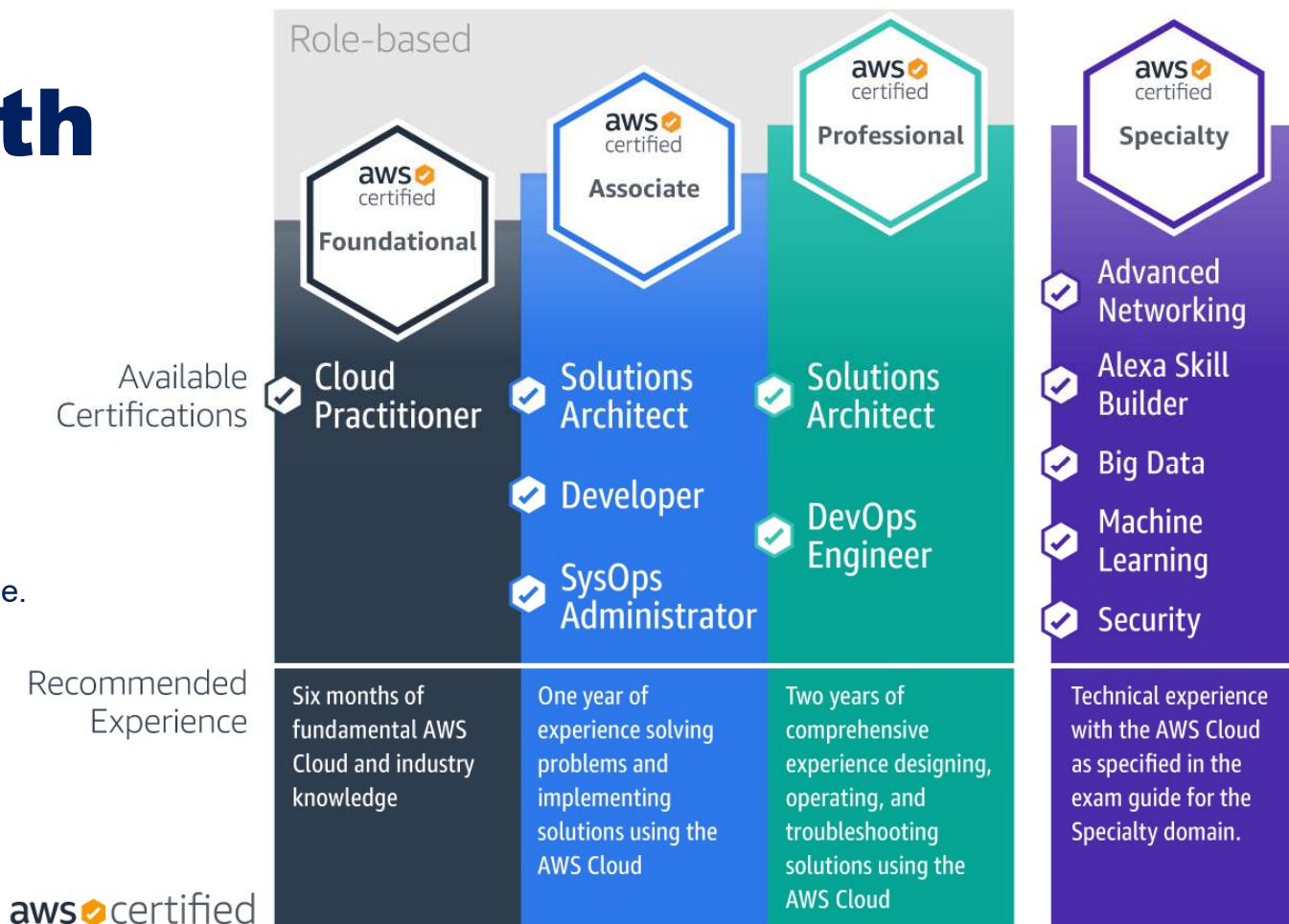
Practitioner: USD100 – 65 questions
 Associated: USD150 – 65 questions
 Professional: USD300 – 75 questions
 Specialty: USD300 – 65 questions

Benefits:

- 50% Next Exam if you have a valid one.
- First approach? Practitioner or SAA

Errata for Specialties:

- Big Data is now Analytics
- SAP on AWS



Version C01....now it's C03

Despite being written in 2017, it works...

Version C01 Exam Guide

Version C02 Exam Guide

Version C03 Exam Guide

No	Pillar	Design Principles	Definition	Key AWS Services
1	Security	1) Apply security at all layers 2) Enable traceability 3) Implement principle of least privileges 4) Focus on securing your system 5) Automate security best practices	1) Identity and Access Management 2) Detective controls 3) Infrastructure Protection 4) Data protection 5) Incident Response	1) IAM 2) AWS API calls, AWS Config 3) VPC 4) ELB, EBS, S3 RDS, KMS 5) IAM, Cloud formation
2	Reliability	1) Test Recover Procedures 2) Automatic recovery from failure 3) Scale horizontally to aggregate system availability 4) Stop guessing capacity 5) Manage Change in Automation	1) Foundation 2) Change Management 3) Failure Management	1) IAM, VPC 2) Cloud trail, AWS Config 3) Cloud-formation
3	Performance Efficiency	1) Democratize advanced technologies 2) Go global in minute 3) Use serverless architecture 4) Experiment more often 5) Mechanical sympathy	1) Selection 2) Review 3) Monitoring 4) Trade off	1) i) compute ii) storage iii) Database iv) network 2) AWS blog and what's new 3) Cloud watch metrics, events 4) Elastic Cache, Cloudfront, Tradeoff, Read replicas in RDS
4	Cost Optimization	1) Adopt a consumption model 2) Benefit from Economies of scale 3) Stop spending money on Data centre operations 4) Analyze and attribute expenditure 5) Use managed service to reduce cost of ownership	1) Cost-efficient Resources 2) Matching supply and demand 3) Expenditure awareness 4) Optimizing over time	1) Reserved Instances, Trusted advisor 2) Auto scaling 3) Cloud watch, SNS 4) AWS blog and What's new
5	Operational Excellence	1) Perform operations with Code 2) Align operations process to business objectives 3) Make regular, small incremental changes 4) Test for responses to unexpected events 5) Learn from operational events and failures 6) Keep operational procedure current	1) Preparation 2) Operation 3) Response	1) AWS Config, AWS Service Catalogue, SQS 2) Code commit, Code Deploy, Code build, Code pipeline 3) AWS cloud-watch

AWS-SAA Specific Path

Exam Details



Format
Multiple choice, multiple answer



Type
Associate



Delivery Method
Testing center or online proctored exam



Time
130 minutes to complete the exam



Cost
150 USD (Practice exam: 20 USD)



Language
Available in English, Japanese, Korean,
and Simplified Chinese

Approx. 2 mins per question

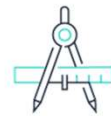
SAA-C03

Validity: 3 year

Centers: PSI or Pearson Vue

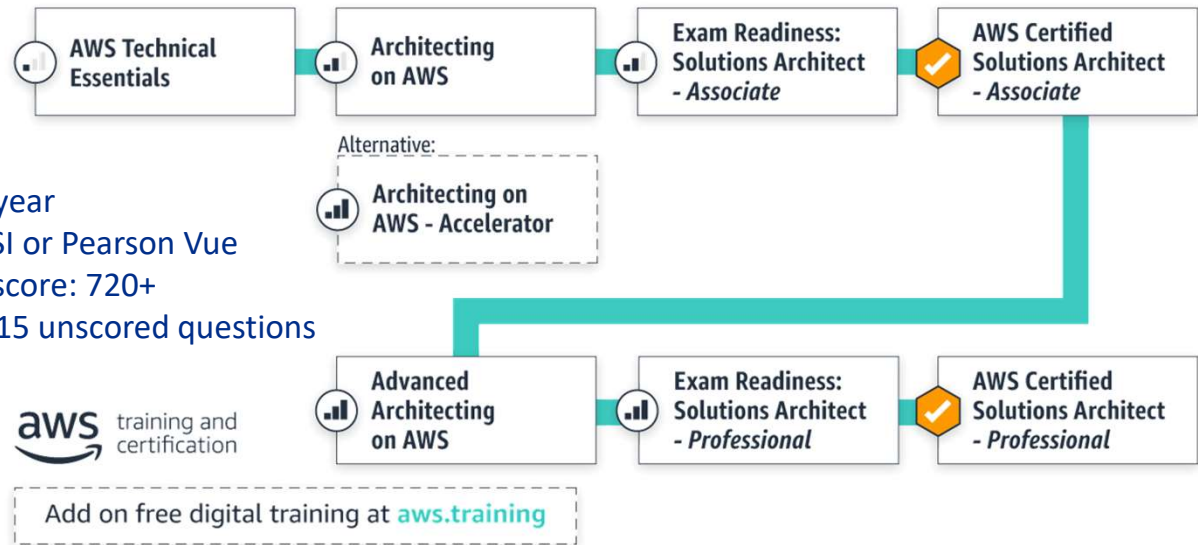
Minimum score: 720+

50 scored-15 unscored questions



Architect Learning Path

= certification = intermediate
 = foundational = advanced



Domain	% of Exam
Domain 1: Design Secure Architectures	30%
Domain 2: Design Resilient Architectures	26%
Domain 3: Design High-Performing Architectures	24%
Domain 4: Design Cost-Optimized Architectures	20%
TOTAL	100%

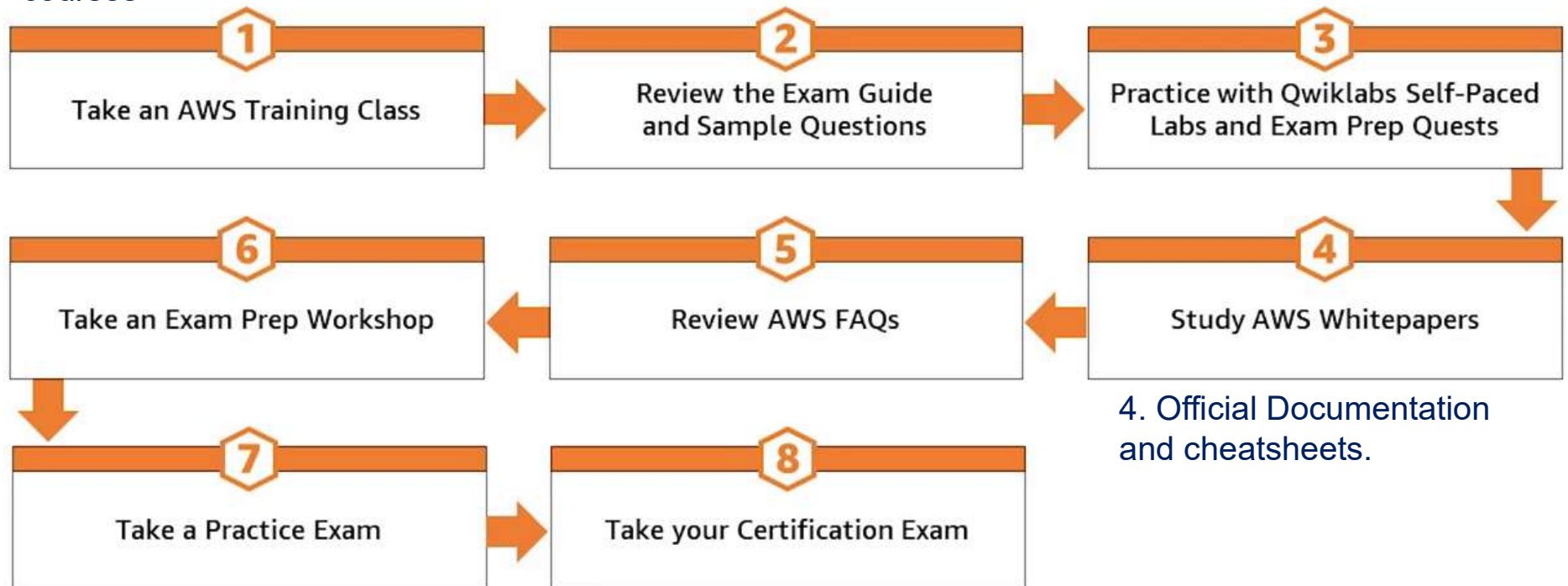
<https://aws.amazon.com/training/ramp-up-guides/>
<https://docs.aws.amazon.com/>
<https://skillbuilder.aws>

Recommended study guide

2. Official Course:
Skillbuilder or 3rd Party
courses

1. Objectives/Plan of
the exam

3. AWS Builder Labs or
AWS Educate Labs.



5. Mock Exams on the course or 3rd Party Exams. Loop on 2 or 4.

4. Official Documentation
and cheatsheets.

Learning process

- Concepts and Mindmaps Types
- Strategy

