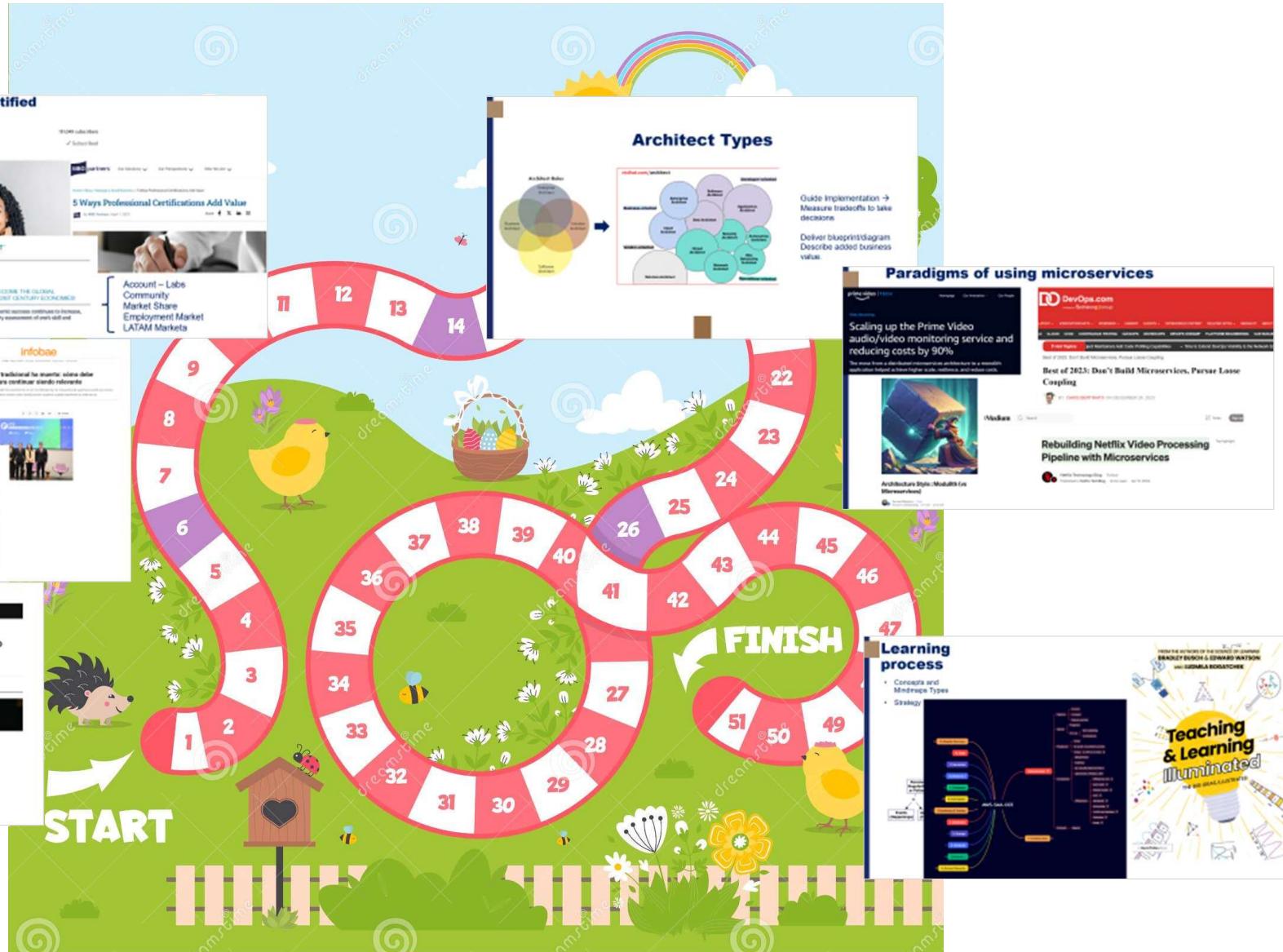




PERSONAL THOUGHTS FOR AWS SAA-C03 COURSE

Francisco Javier Moreno Diaz
fmorenod@gmail.com
January 2026

Agenda



Don't follow normal structures

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 just a way to brag, What's the best way to do 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

SHARE f X in e

BUSINESS
INSIDER

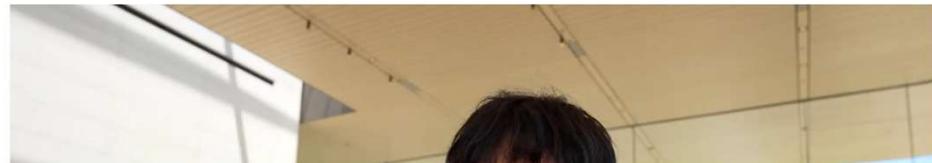
Economía Tecnología Política Desarrollo profesional Lo último

Newsletters

HOME > ESTRATEGIA > EMPLEO

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.



cybernews®

Home > Editorial

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 Ticmas, 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 Google

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



Guardar



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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

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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 Google

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



Guardar



Think by yourself

☰ MENU Q SEARCH

EducationWeek®

LEADERSHIP POLICY & POLITICS TEACHING & LEARNING TECHNOLOGY OPINION JC

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

CE r/ComputerEngineering • 1y ago
NecessaryChair3180

Will ai take over computer engineering. Is it even worth it to study it in college???

Basically, the other day me and my friends were in our AVID classes and they were asking us our plans for the future, college, etc. I said I wanted to became an Computer Hardware Engineer and study in Computer Engineering and a lot of people started telling me theirs no point bc ai will take my job. I really have no other talent or interest in any other jobs so atm is it even worth it to study it in college. I've asked people and they said I shouldn't be worrying about it bc I'm only 15 and in my sophomore year and I should be worrying about normal kid things but I worry for my future. I feel as if I don't make up my mind now then if I do it last minute I won't be prepared. Is it worth it or not or do I have to change my career path.

0 28

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5 Ways Professional Certifications Add Value

 By MBO Partners | April 1, 2022

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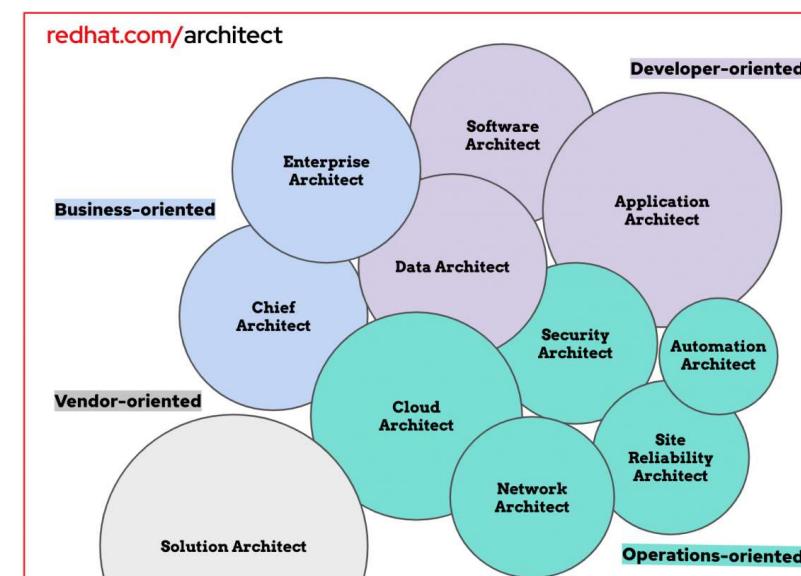
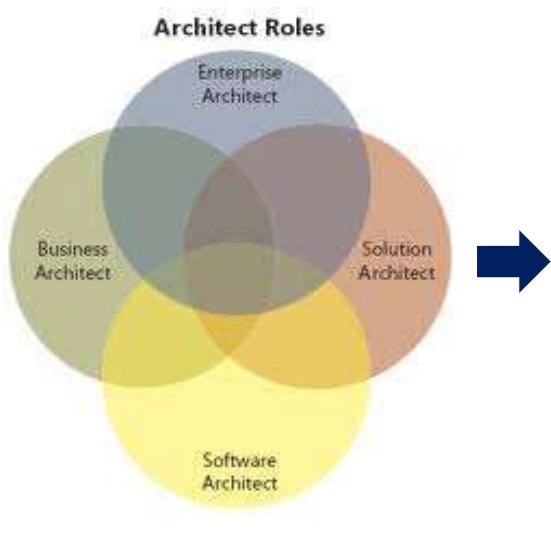
THE VALUE OF CERTIFICATION

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.

Account – Labs
Community
Market Share
Employment Market
LATAM Markets

Architect Types



Guide Implementation →
Measure tradeoffs to take decisions

Deliver blueprint/diagram
Describe added business value.

Advantages

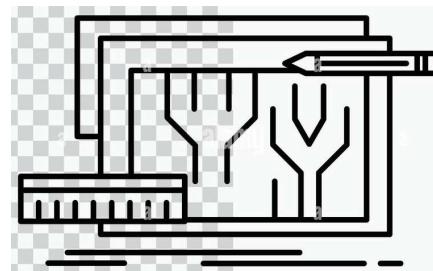
Guide implementation

- 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"

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

The screenshot shows the AWS Cloud Economics Center page. At the top, there's a dark header with the AWS logo and navigation links for Products, Solutions, Pricing, Documentation, Learn, and Partner Network. Below the header, a blue banner displays the text "GLG Brightpaper - The business value of Amazon Web Services". A large dark callout box contains the heading "Cloud Economics Center" and the subtext "Understand and optimize the value of AWS". At the bottom of the callout box is a yellow "Get started" button.

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 : Modular (vs Microservices)

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

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AI CLOUD CI/CD CONTINUOUS TESTING DATAOPS DEVSECOPS DEVOPS ONRAMP PLATFORM ENGINEERING SUSTAINABILITY

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

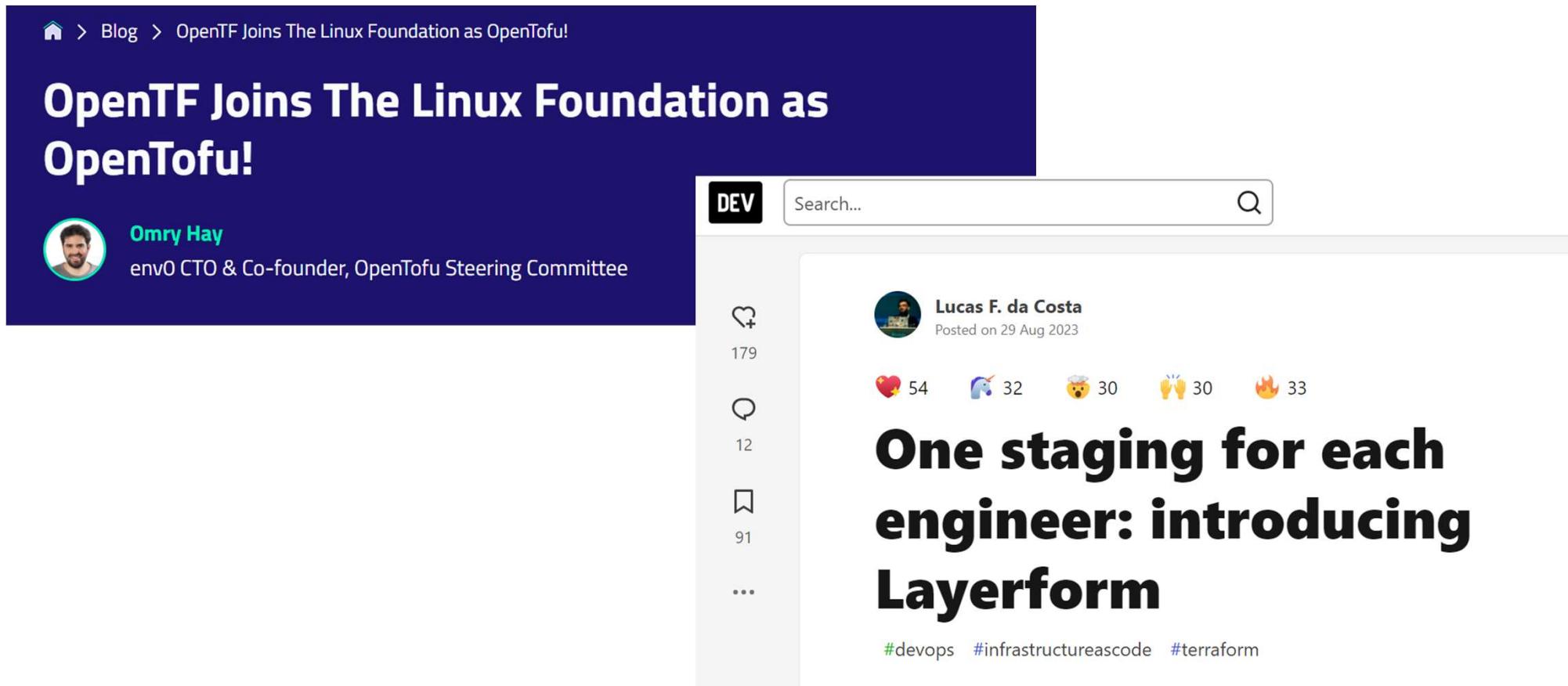
Write Sign up

Top highlight

Rebuilding Netflix Video Processing Pipeline with Microservices

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

Paradigms of using in the normal way



The screenshot shows a blog post on the DEV platform. The header of the post reads "OpenTF Joins The Linux Foundation as OpenTofu!". Below the title, the author is identified as Omry Hay, env0 CTO & Co-founder, OpenTofu Steering Committee. The post has 179 upvotes, 12 comments, 91 saves, and three more options. The main content of the post is a bold headline: "One staging for each engineer: introducing Layerform". At the bottom of the post are hashtags: #devops, #infrastructureascode, and #terraform.

Home > Blog > OpenTF Joins The Linux Foundation as OpenTofu!

OpenTF Joins The Linux Foundation as OpenTofu!

 **Omry Hay**
env0 CTO & Co-founder, OpenTofu Steering Committee

179 12 91 ...

 **Lucas F. da Costa**
Posted on 29 Aug 2023

54 32 30 30 33

One staging for each engineer: introducing Layerform

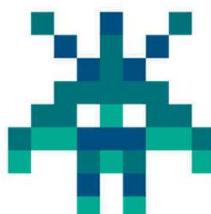
#devops #infrastructureascode #terraform

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/fmorenод - fmorenод@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

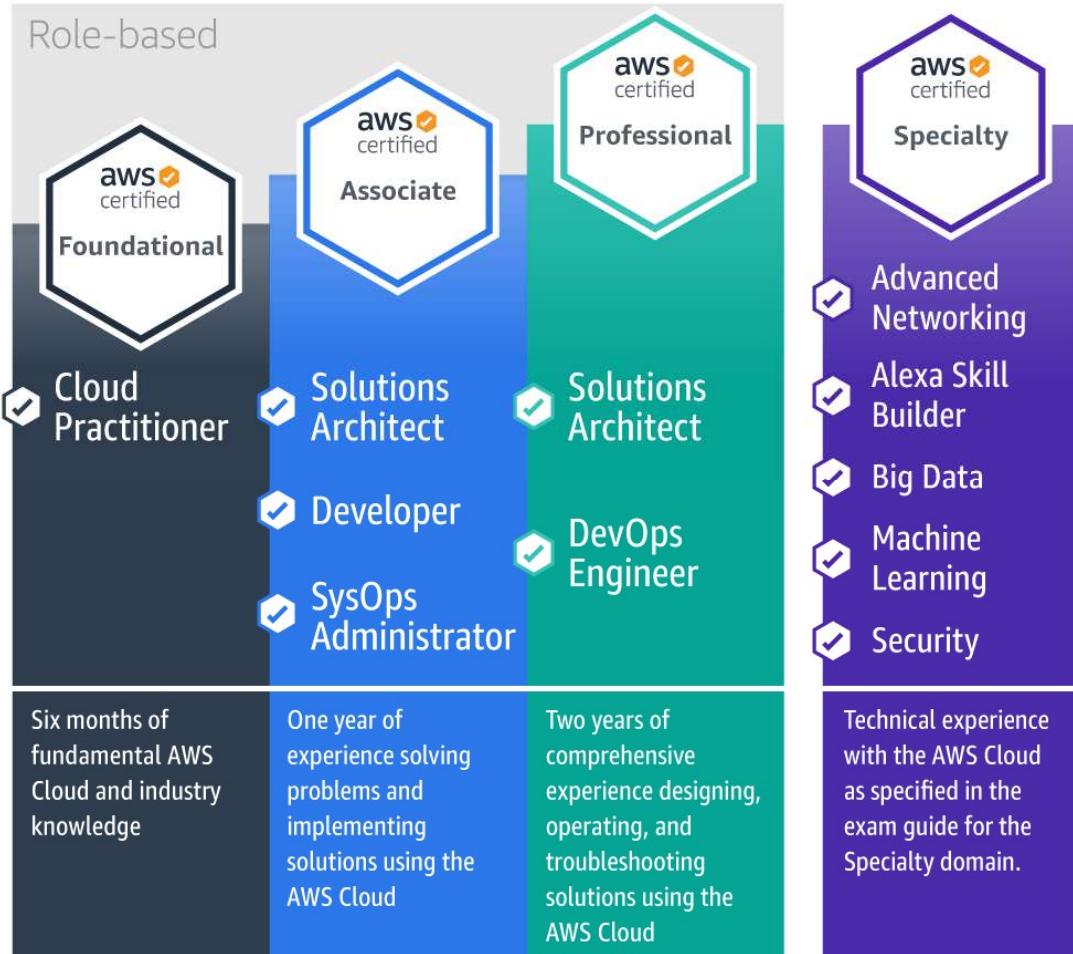
Errata for Specialties:

- Big Data is now Analytics
- SAP on AWS

Available Certifications

Recommended Experience

aws certified



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, Readreplicas 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 overtime	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 SOS 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

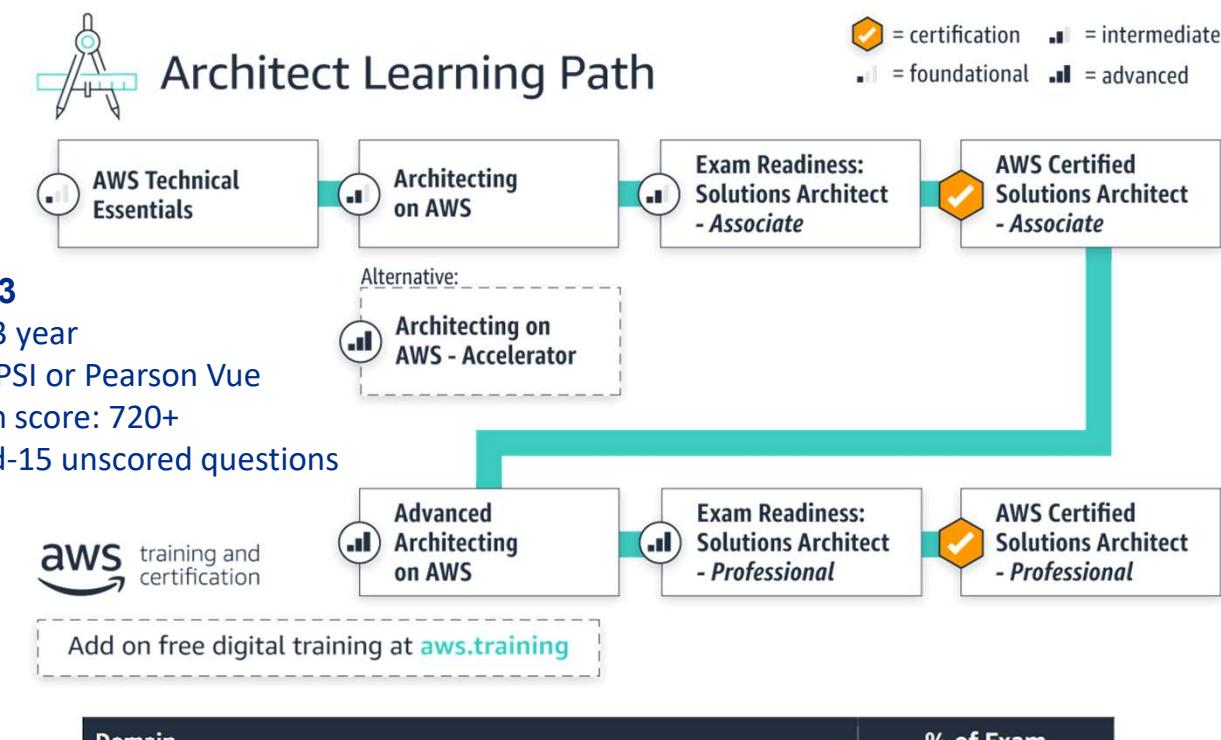
Centers: PSI or Pearson Vue

Minimum score: 720+

50 scored-15 unscored questions



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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%

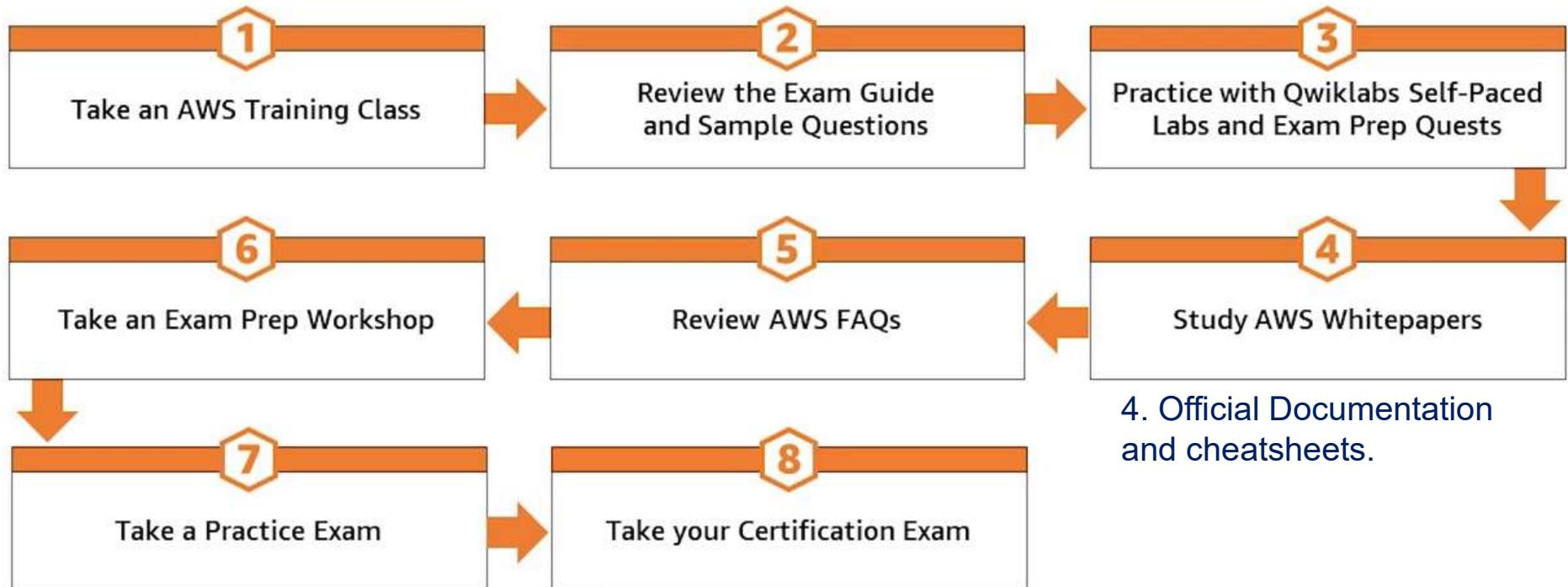
<https://aws.amazon.com/training/ramp-up-guides/>

<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.

Learning process

- Concepts and Mindmaps Types
- Strategy

