

Getting Certified as



Swaminathan Guruvayurappan

Why do I?

How do I?

Learning plan

Path to success

Tools & Techniques

A week before exam

Focus Areas

Exam Q & A

Exam hours

Q & A

Thank You

GDG – Mani & Team

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Cloud & DevOps Solution Architect @ Fiserv

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Freelance Consultant: AWS, CI/CD, Kubernetes and Writer

Salt Stack Community Contributor, Release: Sodium

AWS Trainer, Since 2014



When you buy, What do you look for?

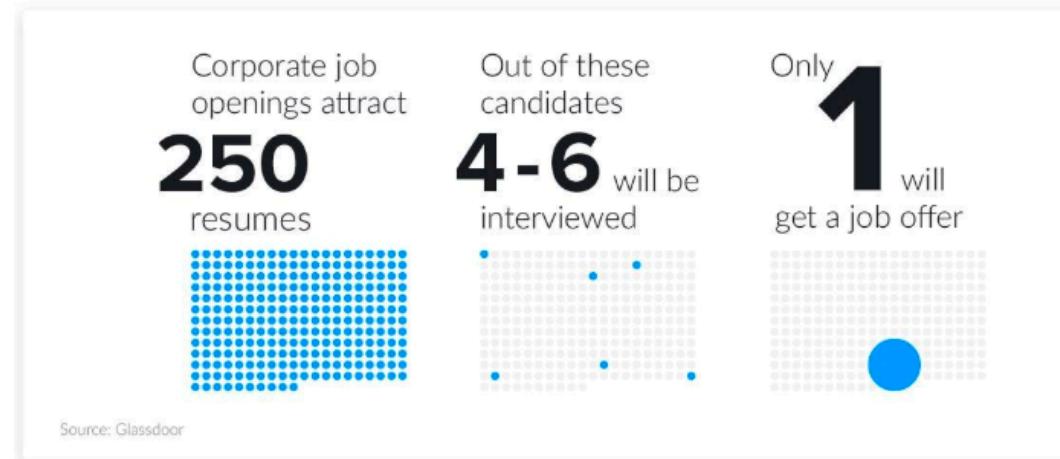


Why do I need a Certification?

- Validates cloud expertise
- Gauge your skill set against your peers and demonstrate your value to hiring managers.
- Benchmarks for your professional development

Recruitment model

Many organizations employ bot's (Applicant Tracking Systems) to filter resumes before they are even looked at by HRs.



According to a recent [Global Knowledge report](#), the top-paying cloud certifications for 2019 are:

- **Google Certified Professional Cloud Architect** - \$139,529
- **AWS Certified Solutions Architect – Associate** - \$132,840
- **AWS Certified Developer – Associate** - \$130,369
- **Microsoft Certified Solutions Expert: Server Infrastructure*** - \$121,288

In fact, the highest paying certifications across all IT disciplines are in cloud computing and virtualization, per Global Knowledge, with an average salary of \$127,494 in 2019, up 12.8% from \$112,955 last year. Cloud architects in particular enjoy even higher annual pay, with [ZipRecruiter reporting](#) average salary nationwide at more than \$155,000 and ranging from \$88,000 to as high as \$225,000.

Google Cloud Certification path



Recommended Experience

6 months+ hands-on experience with GCP

3+ years of industry experience including 1+ years designing and managing solutions using GCP

Intended for individuals who have experience using G Suite technology

Proficient in the particular certification technology

Google Cloud Certification path



How do I begin?



Scared?

Solution is here...

Learning plan

- Exam guide to Study plan

Learning Path

- 1) [Preparing for the Google Cloud Associate Cloud Engineer Exam](#)
- 2) [Comparing GCP and AWS, Quick learning for AWS Architects](#)
- 3) Architecting with Google Compute Engine Specialization
 - 1) [Fundamentals](#)
 - 2) [Infra Foundation](#)
 - 3) [Core Services](#)
 - 4) [Scaling and Automation](#)
- 4) Architecting with Google Kubernetes Engine Specialization
 - 1) [Foundation](#)
 - 2) [Workloads](#)
 - 3) [Deployments](#)

Learning Path

5) GCP Official Study Guide

18 Chapters covers major concepts and equivalent exam type questions

6) Official Practise Test

20 questions, similar exam type questions

18+ Correct answers assures us to get registered for exam

7) Decision Trees or Charts

8) Linux Academy, [Highly recommended]

Use 7-day free trial to complete the course and practise test.

9) Finally, explore GCP docs

Tools

Bookmarks = Google Chrome

Quick review notes = One Note

To-Do Plan/Action Steps = Todoist

gcloud commands_(used in labs) = Github

Q&A Review = Quizlet

Tips & Techniques

Structured Breakdown of Questions



A CLOUD GURU

Understand	<ul style="list-style-type: none">• Determine the key question—the “kicker”• Figure out what everything means—question and responses
Eliminate	<ul style="list-style-type: none">• Get rid of responses that have fake info or other errors• Get rid of responses that conflict with the key question
Evaluate	<ul style="list-style-type: none">• Think through all the tradeoffs for remaining responses• Consider both stated and implied dimensions
Choose	<ul style="list-style-type: none">• Pick exactly the right number• Select the best options or eliminate the worst ones
Validate	<ul style="list-style-type: none">• Make sure your responses <i>answer</i> the key question• Make sure your responses don’t conflict with any details

A Week before Exam

- Review/Retake Quiz
 - [Official Guide](#)
 - Linux Academy
- QuizLet [Highly Recommended]
 - [Swami's set](#)
 - Explore more, if you get time

The screenshot shows the Quizlet website interface. At the top, there is a blue header bar with the Quizlet logo, a search bar, and a 'Create' button. Below the header, the title 'Official Google Cloud Platform Associate Cloud Engineer Study Guide (April 2019) - corrected' is displayed, along with a 5.0 rating and 1 review. On the left, a sidebar titled 'STUDY' lists several options: Flashcards (which is selected and highlighted in yellow), Learn, Write, Spell, Test, PLAY, Match, and Gravity. In the main content area, a question is shown in a light gray box: 'What server configuration is required to use Cloud Functions?'. Below the question are four multiple-choice options: A. VM configuration, B. Cluster configuration, C. Pub/Sub configuration, and D. None.

Quizlet

Search | Create

Official Google Cloud Platform Associate Cloud Engineer Study Guide (April 2019) - corrected

5.0 ★★★★★ 1 Review [Leave a rating](#)

STUDY

Flashcards

Learn

Write

Spell

Test

PLAY

Match

Gravity

What server configuration is required to use Cloud Functions?

A. VM configuration

B. Cluster configuration

C. Pub/Sub configuration

D. None

Focus Areas

Does Google cover all topics mentioned in exam guide? – not 100%

**Conditions Apply – Based on my exam experience

Zoom in more into these topics

- ? When do I need to use Primitive/Pre-defined Roles or Service accounts, while onboarding new users ?
- ? Complete URL of Service APIs ?
- ? Data Services purpose and their use cases ? IoT = Big Table, Analytics = Big Query
- ? How do I store keys/secrets, when using GKE ?

Exam Hours

- Good news: 2 Hours is unlimited, will get 45+ mins for review
- Easy to eliminate 2 wrong answers, Hard to chose one correct answers, as they are most similar 😊
- No pass percentage, OMG
 - How do I then know my results?
While submitting the exam, wait for final screen and look at the top for Result: **PASS**
- Linux academy questions might come, not everything, may be 4
- Official confirmation from Google will take a day or two

Open for Questions

Thank You

GDG Cloud
Chennai –
Mani & Team



[Venkata Prasanth](#), motivating me to get GCP and CKA Certifications

