

Google Developer Groups

Road to Google Developers Certification



 GDG Cloud Paris

 GDG Cloud Nantes

 GDG Cloud IoT Lyon

 GDG Cloud Abidjan

 GDG Paris

 GDG Le Mans

 GDG Bordeaux

 GDG Mons

Info Session

Tout savoir sur les certifications Google Cloud

Everything to know about Google Cloud Certifications



```
let filteredStudies = studies.filter(study => {  
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```



Les GDGs (Google Developers Groups) sont des groupes communautaires bénévoles ayant en commun l'objectif de partager sur les technologies mais pas que !

Nous avons différents formats de meetups & conférences.

Vous trouverez quelques liens dans le chat !



“

Tour des GDGs



Vous êtes 130+ inscrits ! 🎉

”



 GDG Le Mans

 GDG Paris

 GDG Cloud Nantes

 GDG Cloud Abidjan

 GDG Mons

 GDG Cloud IoT Lyon

 GDG Bordeaux

 GDG Cloud Paris



GDG Nantes

 GDG Cloud Nantes



Eleven Labs

onepoint.



SQLI
DIGITAL
EXPERIENCE





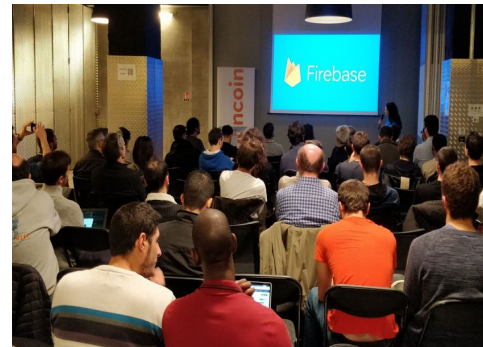
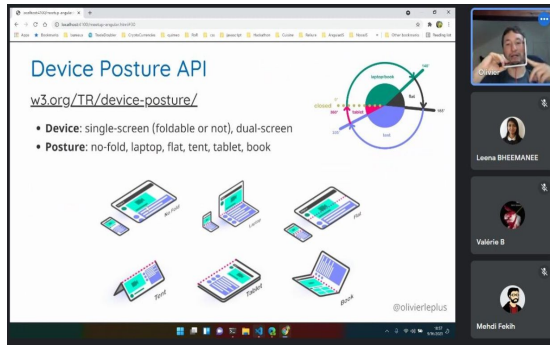
- Événements sur le web, mobile, cloud via meetup, devfest, atelier



[meetup.com/gdg-paris](https://www.meetup.com/gdg-paris)



[@gdgparis](https://twitter.com/gdgparis)



La discussion d'aujourd'hui

1

État du marché du Cloud
Demand for cloud computing roles

2

Pourquoi se certifier ?
Why certify? Benefits and ROI

3

Les certifications possibles et l'examen
Google Cloud Certifications and exam

4

Apprendre avec cette communauté
Learn with the community

État du marché du Cloud

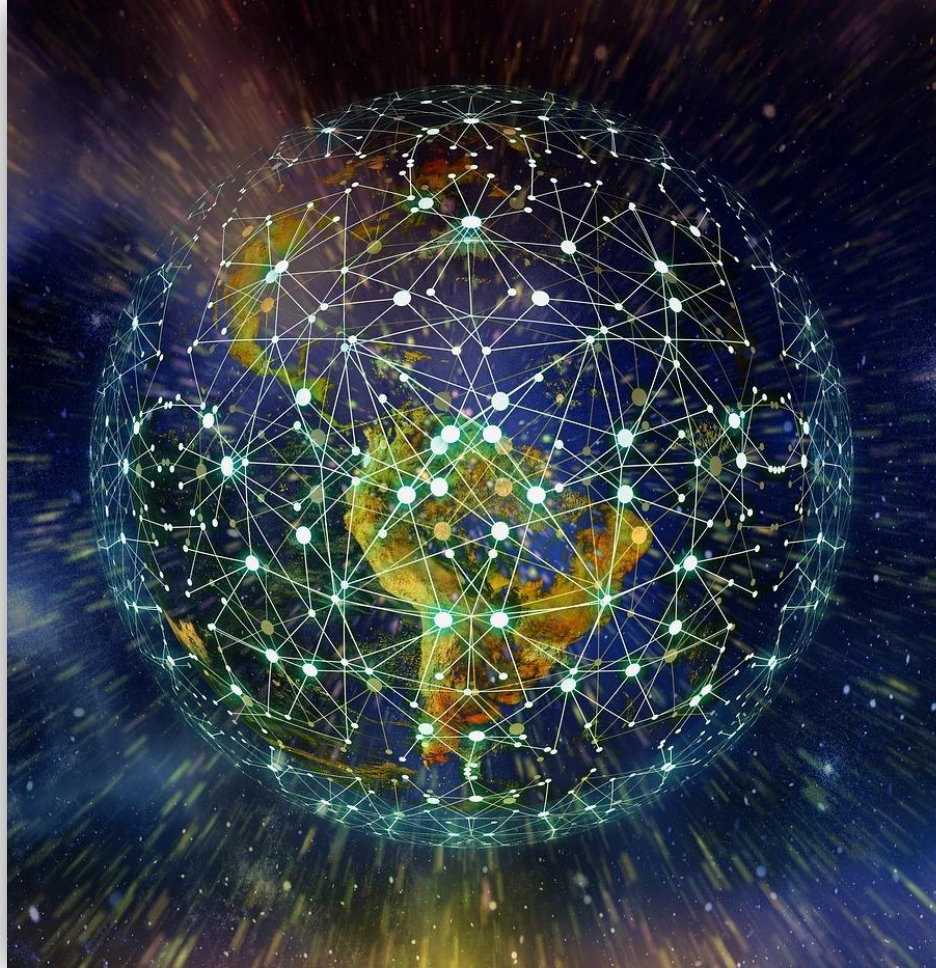
Demand for cloud computing roles

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function filterStudies({ studies, filterByOrg = false, filterByStatus = false }) {  
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    return false  
  })  
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```

```
filterByStatus = false }) {  
  === filterByOrg : true  
  filterByStatus : true
```

Cloud adoption
continues to grow...

Cloud skills are in
high demand





“

Google Cloud
is the skill that's
seeing the fastest
growing demand

”

Cloud technology
requires a new approach
to learning

We build learning
programs that are
transformative...



Pourquoi se certifier ?

Why certify? – Benefits and ROI

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Proficiency
and role-based
certifications give
you a benchmark for
success

Google Cloud Certifications give you
a framework to measure your team's
skill and readiness to lead

Cloud Certification Program Impact

78%

feel more confident in professional future

83%

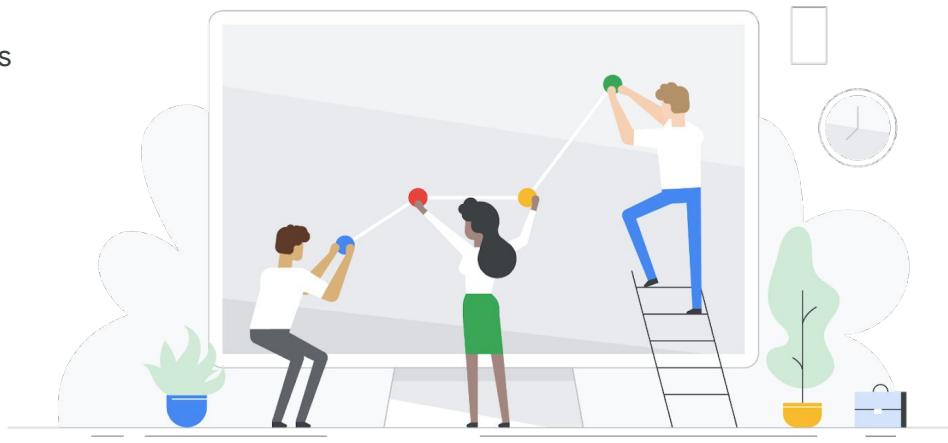
feel resume is more attractive

82%

can prove cloud skill competency to recruiters

85%

feel more confident in cloud skills



 Google Developer Groups

Road to Google Developers Certification

 Google Cloud

Percentages indicate those who strongly or somewhat agree' with the statement. Findings from survey conducted with Google Cloud Certified individuals in February 2020 by an Independent Third Party Research Organization.

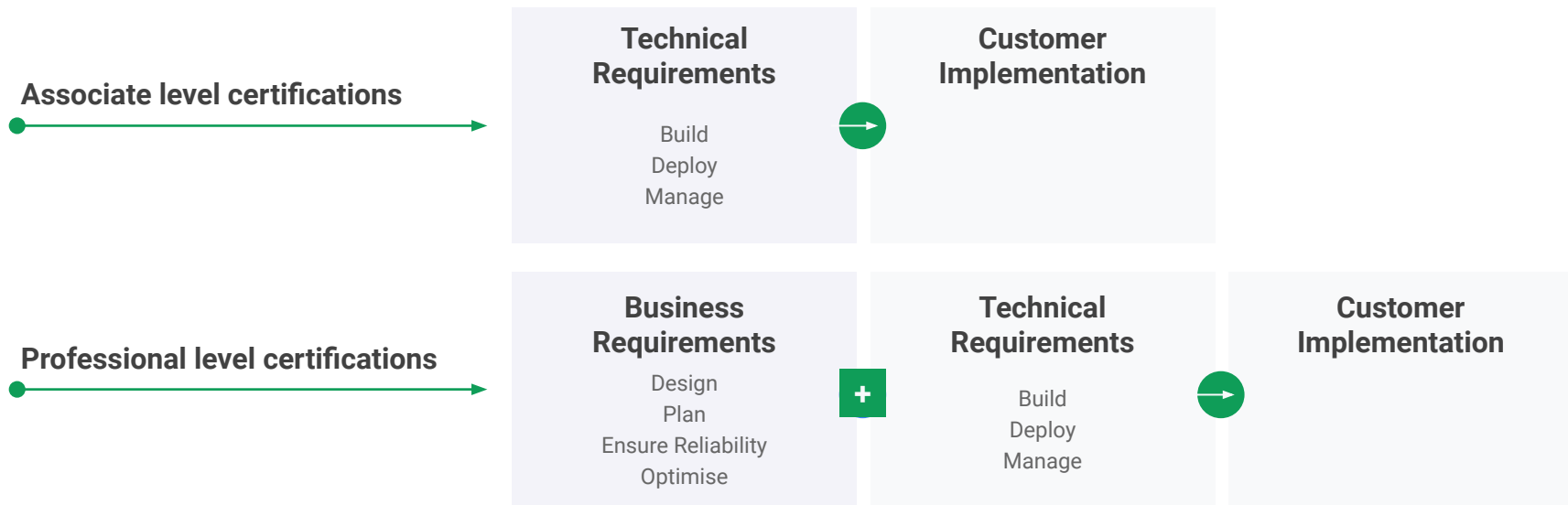
Les certifications possibles et l'exam

Google Cloud Certifications and exam

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Scope of Google Cloud Certifications



Google Cloud certifications



Cloud
Digital
Leader



Associate
Cloud
Engineer



Professional
Cloud Architect



Professional
Data Engineer



Professional
Machine Learning
Engineer



Professional
Cloud DevOps
Engineer



Professional
Google
Workspace
Administrator



Professional
Cloud
Developer



Professional
Cloud Network
Engineer



Professional
Cloud Security
Engineer

Foundational

No cloud experience needed

Associate

Recommended 6+ months
hands-on experience
with Google Cloud

Professional

Recommended
3+ years industry experience
& 1 year hands-on experience
with Google Cloud

Google Cloud Certifications

<https://cloud.google.com/certification>



Associate Cloud Engineer

Deploys applications, monitors operations of multiple projects, and maintains enterprise solutions to ensure that they meet target performance metrics.



Professional Cloud Architect

Enables organizations to leverage Google Cloud technologies with a thorough understanding of cloud architecture and Google Cloud Platform.



Professional Cloud Developer

Builds scalable and highly available applications using Google-recommended practices and tools, such as cloud-native applications, developer tools, managed services, and next-generation databases.



Professional Data Engineer

Enables data-driven decision making by collecting, transforming, and publishing data. Also enables to leverage, deploy, and continuously train pre-existing machine learning models.



Professional Cloud DevOps Engineer

Responsible for efficient development operations using Google Cloud Platform to build software delivery pipelines, deploy and monitor services, and manage and learn from incidents.



Professional Cloud Network Engineer

Implements and manages network architectures in Google Cloud Platform, having at least 1 year of hands-on experience working with Google Cloud Platform by using the command line interface or the Console.



Professional Cloud Security Engineer

Enables to design and implement a secure infrastructure through security best practices and industry security requirements. Designs, develops, and manages a secure infrastructure leveraging Google security technologies.



Professional Collaboration Engineer

Transforms business objectives into tangible configurations, policies, and security practices as they relate to users, content, and integrations.



Professional Machine Learning Engineer

Designs, builds, and productionizes ML models to solve business challenges using Google Cloud technologies and knowledge of proven ML models and techniques.



Cloud Digital Leader

A Cloud Digital Leader can articulate the capabilities of GC core products and services and how they benefit organizations. The Cloud Digital Leader can also describe common business use cases and how cloud solutions support an enterprise.



Google Cloud certifications

Professional Cloud Architect



About	Prerequisite knowledge	Prerequisite labs and courses for Certification Study Group
More about the role of a Cloud Architect than testing the use of tools. It's about creating systems that implement best practices and strategy to make it more secure, scalable, high available and reduce costs.	Knowledge on all products and services on the Google Cloud Platform.	• Preparing for the Professional Cloud Architect Exam • Google Cloud Fundamentals: Core Infrastructure • Create and Manage Cloud Resources

About the exams



Length
2 hours



Exam Format
Multiple choice
and multiple
select



Prerequisites
None



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



Exam Delivery Method

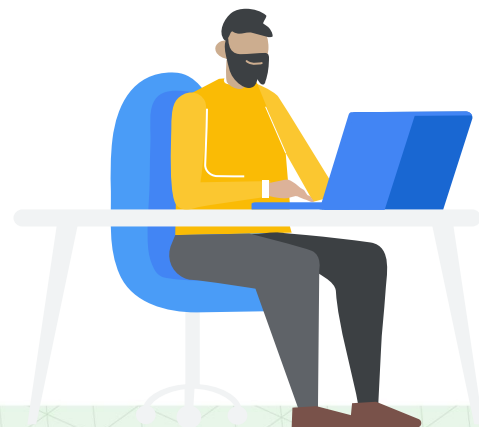
Online or Onsite

Now take the online-proctored exams remotely, meeting the testing requirements.

Find the requirements on:

<https://cloud.google.com/certification/faqs>

Onsite-proctored exam will continue to be offered at testing centers (when they reopen).



Pourquoi la certification ?

- Pour apprendre et pour le challenge
- Pour créer de nouvelles opportunités professionnelles
- Pour les goodies ;)

Professional Cloud Architect

Learning Journey

Pre-work	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Exam weeks
Have real world hands on experience Review the PCA Exam Guide Review the PCA Sample Questions	On-demand training: Preparing for the Professional Cloud Architect Exam Google Cloud Fundamentals: Core Infrastructure Hands On Lab Practice:  Create and Manage Cloud Resources Skill Badge (5 hrs)	On-demand training: Essential Google Cloud Infrastructure: Foundation Essential Google Cloud Infrastructure: Core Services Hands On Lab Practice:  Perform Foundational Infrastructure Tasks in Google Cloud Skill Badge (4 hrs)	On-demand training: Elastic Google Cloud Infrastructure: Scaling and Automation Hands On Lab Practice:  Set Up and Configure a Cloud Environment in Google Cloud Skill Badge (6 hrs)	On-demand training: Reliable Cloud Infrastructure: Design and Process Hands On Lab Practice:  Automating Infrastructure on Google Cloud with Terraform Skill Badge (6 hrs)	On-demand training: Getting Started with Google Kubernetes Engine Hands On Lab Practice:  Deploy and Manage Cloud Environments with Google Cloud Skill Badge (8 hrs)	On-demand training: Logging, Monitoring and Observability in Google Cloud Hands On Lab Practice:  Optimize Costs for Google Kubernetes Engine Skill Badge (6 hrs) Check Readiness: PCA Sample Questions	Self study (and potential exam) 
	EXAM GUIDE REVIEW + STUDY GROUP	EXAM GUIDE REVIEW + STUDY GROUP	EXAM GUIDE REVIEW + STUDY GROUP	EXAM GUIDE REVIEW + STUDY GROUP	EXAM GUIDE REVIEW + STUDY GROUP	EXAM GUIDE REVIEW + WRAP UP	

Complement your study with the [Professional Cloud Architect book](#) and exploring the [Google Cloud Documentation](#)

Rejoindre et apprendre avec cette communauté

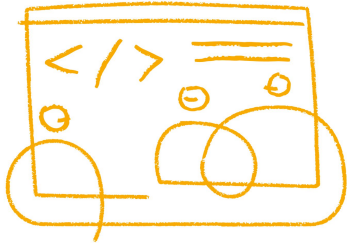
Join and learn with the community

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```

Certification Study Groups



What is it?

- A 6-week program to go through certification content and exam questions
- Learn with a mix of live sessions, peer-to-peer support and on-demand content
- Google Cloud training platform Cloud Skills Boost will be used to go through courses and labs. Attendees will receive free access to Google Cloud Skills Boost.
- Connect and get support from community members that are preparing for Google Cloud Certificate
- Find events like this on the: gdg.community.dev/road-to-google-dev-certification



Program offer

01.

Study groups

Certified trainers deliver weekly live sessions to guide you through the certification content and answer your questions.

02.

On-demand

Get free access to on-demand courses and labs on Google Cloud. These courses and labs mirror real life applications.

03.

Hands-on labs

Get practice with Google Cloud technologies in a sandbox environment and earn Skill Badges. Skill badges are shareable credentials that recognize your ability to solve real-world problems with your cloud knowledge.

04.

Community

Learn together with a local community to get support from experts and other fellow developers. Ask questions and share your experience.





Des livres

Book

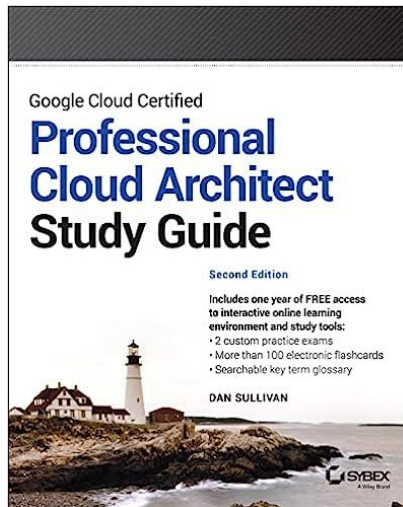
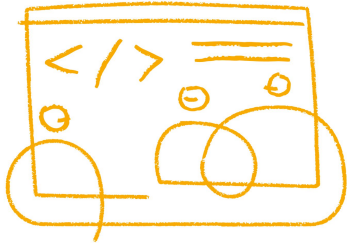




Table ronde sur les certifications

Posez vos questions dans le chat!



```
function filterStudies({ studies, filterByOrg = false, filterByTopic = false }) {  
  return studies.filter(study => {  
    if (filterByOrg) {  
      return study.organization !== 'university' || study.organization !== 'company'  
    }  
    if (filterByTopic) {  
      return study.topic !== 'general' || study.topic !== 'specific'  
    }  
    return true  
  })  
}
```



Julien Landuré

GDG Cloud Nantes & Zenika

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Bodo Razakalalao

Zenika



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Vincent Ledan
Onepoint

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Merci !

Des questions?

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