



Google Cloud certification prerequisites

Tags: [ACG](#)

Note: Please visit GCP's [certification](#) page for the most recent information on all GCP certifications.

Currently, the following Google Cloud Certification exams don't have any prerequisites, but they do suggest having work experience utilizing the tools covered in the exams.

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Google Cloud Certified: Associate Certifications

Recommended experience: 6 months+ hands-on experience with GCP

- Associate Cloud Engineer

- Job Role Description - An Associate Cloud Engineer deploys applications, monitors operations of multiple projects, and maintains enterprise solutions to ensure that they meet target performance metrics. This individual has experience working with public clouds and on-premises solutions. They are able to use Google Cloud Console and the command-line interface to perform common platform-based tasks to maintain one or more deployed solutions that leverage Google-managed or self-managed services on Google Cloud.
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Google Cloud Certified: Professional Certifications

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

- Professional Cloud Architect

- Job Role Description - A Google Cloud Certified - Professional Cloud Architect enables organizations to leverage Google Cloud technologies. Through an understanding of cloud architecture and Google

technology, this individual designs, develops, and manages robust, secure, scalable, highly available, and dynamic solutions to drive business objectives. The Cloud Architect should be proficient in all aspects of enterprise cloud strategy, solution design, and architectural best practices. The Cloud Architect should also be experienced in software development methodologies and approaches including multi-tiered distributed applications which span multi-cloud or hybrid environments.

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• Google Cloud Certified Professional Data Engineer

- Job Role Description - A Professional Data Engineer enables data-driven decision making by collecting, transforming, and publishing data. A data engineer should be able to design, build, operationalize, secure, and monitor data processing systems with a particular emphasis on security and compliance; scalability and efficiency; reliability and fidelity; and flexibility and portability. A data engineer should also be able to leverage, deploy, and continuously train pre-existing machine learning models.

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• Professional Cloud Developer

- Job Role Description - A Professional Google Cloud Developer builds scalable and highly available applications using Google recommended practices and tools that leverage fully managed services. They have hands on experience with next generation databases, runtime environments and developer tools. This individual has proficiency with at least one general purpose programming language to define new APIs and invoke Google APIs and are skilled with using Stackdriver to produce meaningful metrics and logs to debug and trace code.

- [Exam guide \(opens in new tab\)](#)

• Professional Cloud Network Engineer

- Job Role Description - A Professional Cloud Network Engineer implements and manages network architectures in Google Cloud Platform. This individual has at least 1 year of hands-on experience working with Google Cloud Platform and may work on networking or cloud teams with architects who design the infrastructure. By leveraging experience implementing VPCs, hybrid connectivity, network services, and security for established network architectures, this individual ensures successful cloud implementations using the command line interface or the Google Cloud Platform Console.

- [Exam guide \(opens in new tab\)](#)

• Professional Cloud Security Engineer

- Job Role Description - A Professional Cloud Security Engineer enables organizations to design and implement a secure infrastructure on Google Cloud Platform. Through an understanding of security best practices and industry security requirements, this individual designs, develops, and manages a secure infrastructure leveraging Google security technologies. The Cloud Security Professional should be proficient in all aspects of Cloud Security including managing identity and access management,

defining organizational structure and policies, using Google technologies to provide data protection, configuring network security defenses, collecting and analyzing Google Cloud Platform logs, managing incident responses, and an understanding of regulatory concerns.

- [Exam guide \(opens in new tab\)](#)

If you need help, please email [Pluralsight Support \(opens email form\)](#) for 24/7 assistance.