

Google Cloud Platform Quest Assignment

As part of the Google Cloud Essentials Quest, I completed four labs to gain firsthand experience with Google Cloud services. I worked on the following labs:

- A Tour of Qwiklabs and Google Cloud
- Creating a Virtual Machine
- Compute Engine: Qwik Start – Windows
- Getting Started with Cloud Shell and gcloud

These labs allowed me to explore the platform and learn how the various services and tools work in practice.

A Tour of Qwiklabs and Google Cloud

Congratulations!

In just 30 minutes, you developed a solid understanding of the Cloud console and the platform's key features. You learned about projects, roles, and the types of services the platform offers. You also practiced with Cloud IAM and the API libraries. You are now ready to take more labs.

Take your next lab

Continue learning with [Creating a Virtual Machine](#), or check out these other Google Cloud Skills Boost labs:

- [Compute Engine: Qwik Start - Windows](#)
- [Getting Started with Cloud Shell and gcloud](#)

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The screenshot displays the Google Cloud Skills Boost profile of Vaishnavi Pawar. The profile is not public. The user has 110 points and has been a member since 2024. The 'Activities' tab is selected, showing a list of completed activities.

Activity	Type	Date started	Date finished	Score	Passed
A Tour of Google Cloud Hands-on Labs	Lab	21 minutes ago	4 minutes ago	Assessment: 100%	✓
Google Cloud Essentials	Course	21 minutes ago			

Creating a Virtual Machine

Google Cloud Skills Boost

Main menu

Google Cloud Essentials

Essentials

- A Tour of Google Cloud Hands-on Labs
- Creating a Virtual Machine**
- Compute Engine: Quick Start - Windows
- Getting Started with Cloud Shell and

Course overview

Time left: 3 hours 20% minutes complete

Congratulations!

Compute Engine is the foundation of Google Cloud's infrastructure as a service. You created a VM with Compute Engine and can now map your existing server infrastructure, load balancers, and network topology to Google Cloud.

Finish your quest

This self-paced lab is part of the [Google Cloud Essentials](#) quest. A quest is a series of related labs that form a learning path. [Enroll in this quest](#) and get immediate completion credit for taking this lab. [See other available quests.](#)

Take your next lab

Continue your quest with [Getting Started with Cloud Shell and gcloud](#), or check out the following lab:

[Create a Virtual Machine, GCP](#)

End Lab 00:25:37

Cautions: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. [Learn more.](#)

[Open Google Cloud console](#)

Username
student-02-59260a53@ec

Password
T5Nk3CnwD7px

Student Resources

[Create a Virtual Machine, GCP](#)

Overview 100/100

Setup and requirements

Task 1. Create a new instance from the Cloud console

Task 2. Install an NGINX web server

Task 3. Create a new instance with gcloud

Task 4. Test your knowledge

Congratulations!

[Next >](#)

The screenshot shows the Google Cloud Skills Boost profile page for Vaishnavi Pawar. The profile is for a member since 2024 with 230 points. A message states: "Your profile is not public and accessible. Make profile public". The page has tabs for Paths, Activities (selected), Leaderboard, and Badges. Under the Activities tab, there are filters for Course, Lab, Quiz, and Game, and sub-filters for In progress and Finished. A table lists activities:

Activity	Type	Date started	Date finished	Score	Passed
Creating a Virtual Machine	Lab	16 minutes ago	0 minutes ago	Assessment: 100%	✓
A Tour of Google Cloud Hands-on Labs	Lab	46 minutes ago	29 minutes ago	Assessment: 100%	✓
Google Cloud Essentials	Course	46 minutes ago			

Compute Engine: Qwik Start – Windows

The screenshot shows the 'Congratulations!' page for the 'Compute Engine: Qwik Start – Windows' lab. The page includes a timer showing 00:28:12 and a score of 100/100. A sidebar on the right lists the lab instructions and tasks. The main content area provides a congratulatory message and next steps.

Google Cloud Essentials > GCP Essentials

End Lab 00:28:12

Caution: When you are in the console, do not deviate from the lab instructions. Doing so may cause your account to be blocked. [Learn more.](#)

[Open Google Cloud console](#)

Username
student-01-3cd9fe74607t

Password
xkfh7yZ7pDg7

Project ID
qwiklabs-gcp-01-4f4315t

Congratulations!

You know how to create a Compute Engine virtual machine with a Windows image and can connect to it with RDP.

Next steps/Learn more

This lab is part of a series of labs called Qwik Starts. These labs are designed to give you a little taste of some experience with the many features available with Google Cloud. Search for "Qwik Starts" in the [Google Cloud Skills Boost catalog](#) to find the next lab you'd like to take!

Google Cloud training and certification

Helps you make the most of Google Cloud technology. [Our classes](#) include technical...

[Lab instructions and tasks](#) 100/100

- GSP093
- Overview
- Setup and requirements
- Create a virtual machine instance
- Remote Desktop (RDP) into the Windows Server
- Test your understanding
- Congratulations!**

[Previous](#) [Next](#)

Google Cloud Dashboard Paths Explore **Profile** Subscriptions

340 pts 9th ?

Google Cloud Skills Boost

Vaishnavi Pawar
Member since 2024
240 points
Your profile is not public and accessible. [Make profile public](#)

Paths **Activities** Leaderboard Badges

Course Lab Quiz Game In progress Finished

Activity	Type	Date started	Date finished	Score	Passed
Compute Engine: Qwik Start - Windows	Lab	12 minutes ago	0 minutes ago	Assessment: 100%	✓
Creating a Virtual Machine	Lab	34 minutes ago	18 minutes ago	Assessment: 100%	✓
A Tour of Google Cloud Hands-on Labs	Lab	1 hour ago	47 minutes ago	Assessment: 100%	✓

Getting Started with Cloud Shell & gcloud.

Google Cloud Skills Boost

Main menu

Google Cloud Essentials

Course - 3 hours 40%
15 minutes complete

- Creating a Virtual Machine
- Compute Engine: Qwik Start - Windows
- Getting Started with Cloud Shell and gcloud**
- Google Kubernetes Engine: Qwik Start
- Set Up Network and HTTP Load Balancers

Google Cloud Essentials > GCP Essentials

End Lab 00:34:47

Congratulations!

You learned how to launch Cloud Shell and run some sample `gcloud` commands.

Next steps / Learn more

- To learn more about Cloud Shell, refer to the [Cloud Shell documentation](#) or the YouTube video, [Using Google Cloud Shell](#).
- To learn more about `gcloud`, refer to the [gcloud documentation](#) or the YouTube video, [Getting Help with gcloud](#).

Continue learning by taking these labs:

- [Provision Services with Google Cloud Marketplace](#)

Task 1. Configuring your environment 100/100

Task 2. Filtering command-line output

Task 3. Connecting to your VM instance

Task 4. Updating the firewall

Task 5. Viewing the system logs

Task 6. Testing your understanding

Congratulations!

Google Cloud Skills Boost

Vaishnavi Pawar
Member since 2024
450 points

Your profile is not public and accessible. [Make profile public](#)

Paths Activities Leaderboard Badges

Course Lab Quiz Game In progress Finished

Activity	Type	Date started	Date finished	Score	Passed
Getting Started with Cloud Shell and gcloud	Lab	11 minutes ago	0 minutes ago	Assessment: 100%	✓
Compute Engine: Qwik Start - Windows	Lab	46 minutes ago	33 minutes ago	Assessment: 100%	✓
Creating a Virtual Machine	Lab	1 hour ago	52 minutes ago	Assessment: 100%	✓
A Tour of Google Cloud Hands-on Labs	Lab	1 hour ago	1 hour ago	Assessment: 100%	✓

Summary:

Before starting these labs, I was familiar with cloud platforms such as AWS, but Google Cloud was new to me. The labs provided a structured introduction, beginning with the basics in "A Tour of Qwiklabs and Google Cloud." This lab helped me navigate the platform and understand the various tools available, making the more technical labs more manageable. By the end of this initial lab, I felt more comfortable exploring Google Cloud's features.

The lab on Creating a Virtual Machine was a fascinating hands-on experience in which I learned how to configure VM settings, select machine types, and adjust firewall rules. Setting up the VM taught me a lot about Google Cloud's resource management. The Windows VM lab expanded on this by assisting me in creating a Windows-based instance. It was especially helpful to see how simple it was to set up a Windows environment for RDP connections, though understanding the finer details of firewall settings was a little difficult.

The Cloud Shell and gcloud lab taught me about the power of using the command-line interface to manage resources. While I had some prior experience with command-line tools, the gcloud commands were unfamiliar to me, and it took some time to become comfortable with them. Despite the learning curve, this lab provided me with valuable insights into the CLI's versatility for cloud management, and I am now much more confident in using it to complete cloud-based tasks.

Challenges faced:

- Firewall Configuration: I initially struggled with configuring the correct firewall rules to allow access to the VMs, but after some troubleshooting, I was able to do so properly.
- Access Issues: Setting up proper access for the Windows VM, particularly for RDP, was initially confusing, but it became easier once the configurations were correct.
- Command-Line Experience: Getting used to the gcloud CLI took some time, but with clear instructions, I was able to become comfortable using the necessary commands.

This assignment was extremely beneficial in improving my knowledge of Google Cloud. I created Linux and Windows VMs, became acquainted with the gcloud CLI, and learned how cloud services work together. Despite some issues with firewall settings and the command-line interface, I now feel much more comfortable using Google Cloud and look forward to exploring more advanced features in the future.