

Install a WordPress Blog on Google Cloud Platform (GCP) with \$300 Free Credits

 When last reviewed/updated?: July 13rd, 2020

What's the goal?

Install WordPress on Google Cloud Platform

Why does it matter?

Benefit from the \$300 free credits.

What's the result?

Launch a new virtual machine on GCP, and install it with a WordPress software image to run your future website and lay the foundation of your new online presence.

When do you do this?

N/A.

Any special requirements?

Credit Card Required

Who should do it?

N/A.

 **Where this is done:** In your Wordpress Dashboard and Google Tag Manager.

 **How long will this take?** 20 - 45 minutes

Now let's start to build the foundation for your Website



Creating Google Cloud Platform account

- Go to [Google Cloud Platform](#).
- Click on “Get started for free”.



- Make sure you are using your desired Google account for creating your Google Cloud Platform account, then agree to the “Terms of Service” and press “Continue”.

Step 1 of 2



Krystian Zgrzebniak
krystian@seobuddy.com

SWITCH ACCOUNT

Country

Poland

Terms of Service



I have read and agree to the [Google Cloud Platform Free Trial Terms of Service](#).

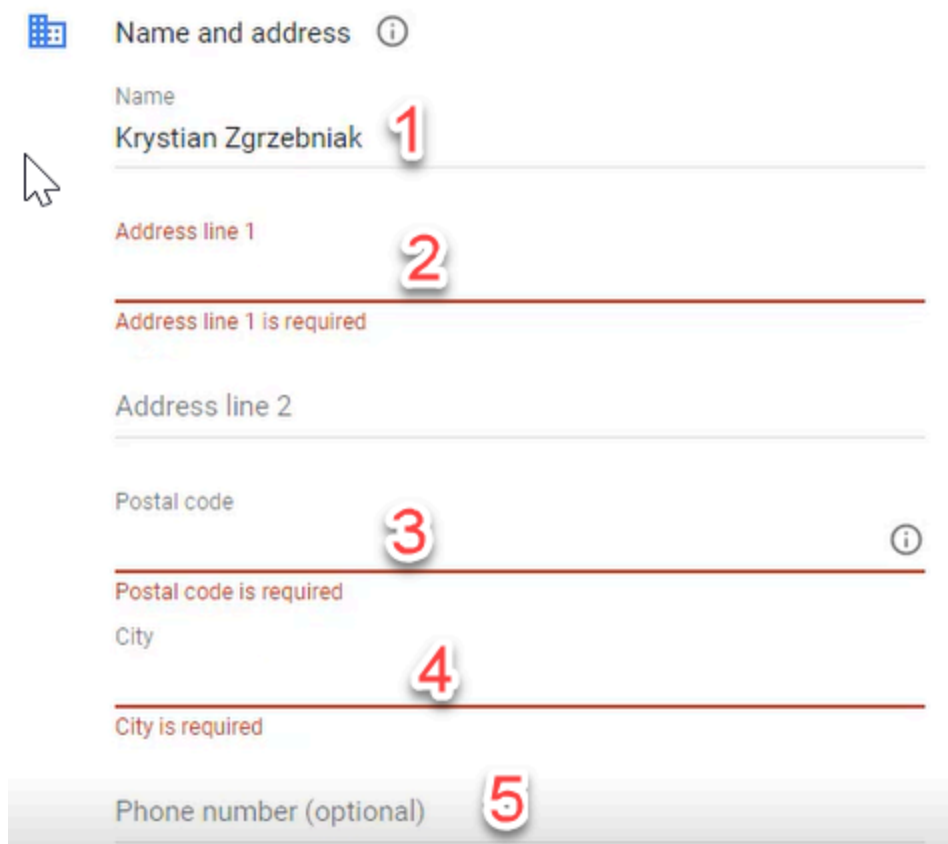
Required to continue

CONTINUE

- Choose “*Individual*” Account type.



- Start off with entering your “*Name*”(1), then your “*Address*”(2), “*Postal code*”(3), and “*City*”(4). You can add your “*Phone number*”(5) if you want to, but this step is not required.



- There is information that you will pay monthly for Google Cloud, but nothing to worry about since we are going to take advantage of a free plan for starting.

How you pay



Monthly automatic payments

You pay for this service on a regular monthly basis, via an automatic charge when your payment is due.

- Start typing your card number under “*Payment method*”. Uncheck the box if your card address is different from the one you entered in the previous step.

Payment method ⓘ

#

Card details



Credit or debit card address is same as above

- Complete filling in with your credit/debit card data.

Payment method ⓘ

Card number

#



MM / YY

CVC

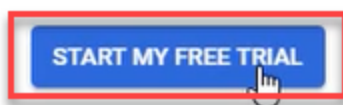
Cardholder name

Krystian Zgrzebnik



Credit or debit card address is same as above

- Click on “*Start my free trial*”.



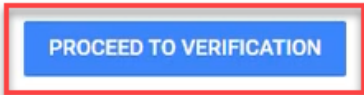

If the “*Start my free trial*” button is inactive that means you have to verify your payment information manually. We will show how to do it in the next step. If you were redirected to your “Google Cloud Platform” move to “[Launching WordPress on Google Cloud](#)” part of this SOP.

Verifying your payment information

- Click on “*Proceed to verification*”.

Step 2 of 2

To continue, verify your payment information. You may close this page once submitted.

A blue rectangular button with the text "PROCEED TO VERIFICATION" in white capital letters. A red rectangular border highlights the button.
A second blue rectangular button with the text "START MY FREE TRIAL" in white capital letters is located below and to the left of the first button.A blue rectangular button with the text "START MY FREE TRIAL" in white capital letters.

- Fill in required fields with your “*First name*”, “*Last name*”, “*Contact email*” and “*Phone Number*”.

* Required field

First name

Krystian

Last name *

Zgrzebiak

Contact email * 

krystian@seobuddy.com

Must be the same email address associated with your Google Cloud Billing account.

Phone Number *


Poland (+48)

- Under “*Billing Account ID*” you will find your unique ID number associated with your payment information. By using it you can check your verification status, but you will also receive an email about that.

Billing Account ID

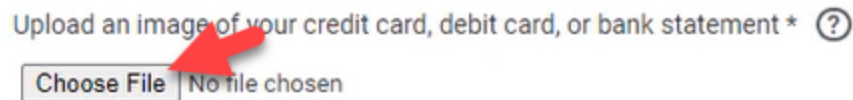
[Redacted Billing Account ID]

This is the 18-character alphanumeric Billing Account ID you'll see in the subject of the email you received about temporary suspension of your account, for example 12A3BC-4DE56F-789GHI. You can also find the Billing Account ID online:

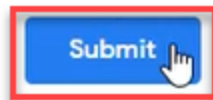
- Go to console.cloud.google.com/billing 
- Click “Show all accounts”
- Find the account where the **Status** is “Closed”
- Copy the 18-character alphanumeric Billing Account ID of that account.



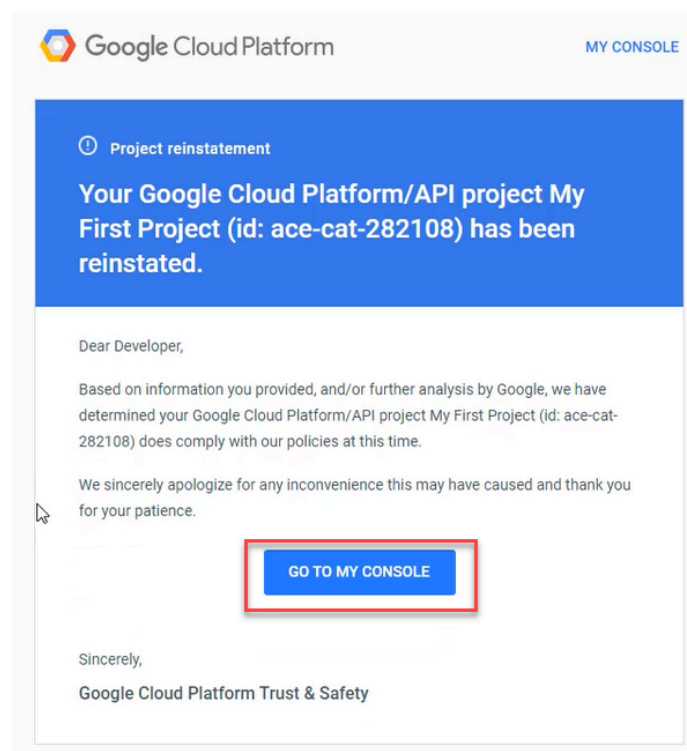
- Upload a photo of your credit/debit card (you should hide your card number, only 4 last digits should be visible) or your bank statement by clicking on the “*Choose File*” button.



- Click on “*Submit*”.

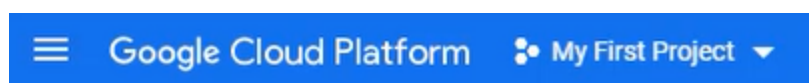


- Now you have to wait sometime for Google to verify your payment information. The time can vary from a couple of hours to over a week.
- After Google confirms your payment information you will receive an email that your Google Cloud Platform project has been reinstated. Click on the “*Go to my console*” button in that email.

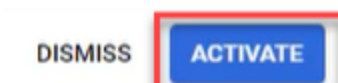


Launching WordPress on Google Cloud

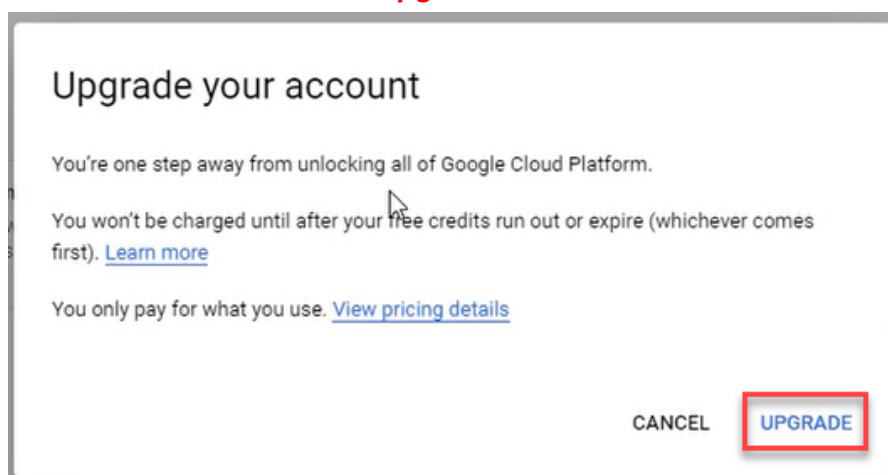
- After creating your account (or also verifying your payment information) you will be redirected to “My First Project” on Google Cloud Platform.



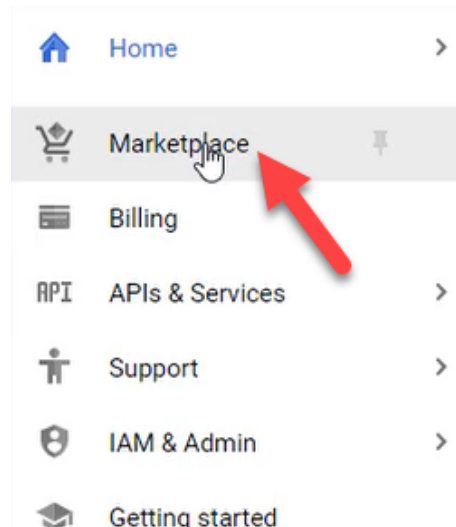
First of all click on “Activate” at the top of the page to claim your free 300\$ credits for Google Cloud. (Next to the button you will find information about how much credit you have and for how long)



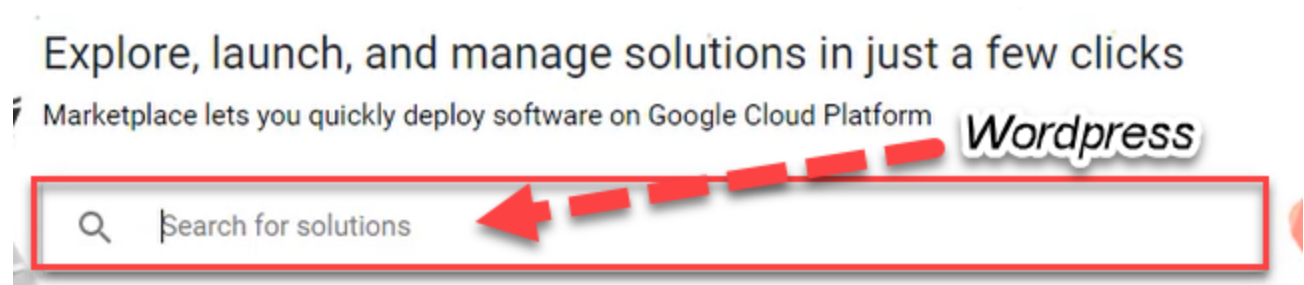
Click on “Upgrade” to confirm.



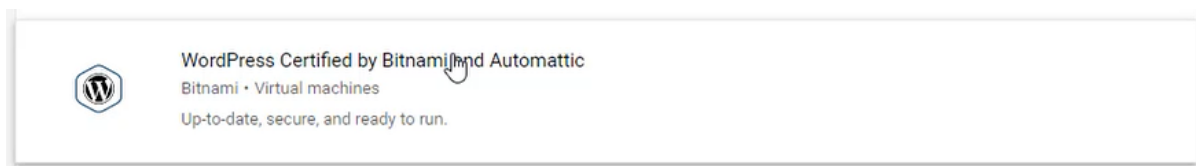
- Click on “*Marketplace*” on the left side menu.



- Type “WordPress” in the Search Bar.

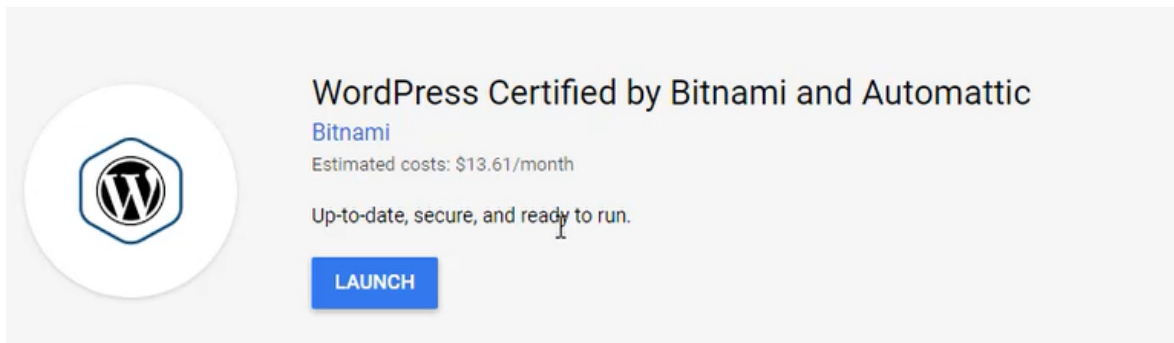


- You have to choose “WordPress” image “*Certified by Bitnami*”.

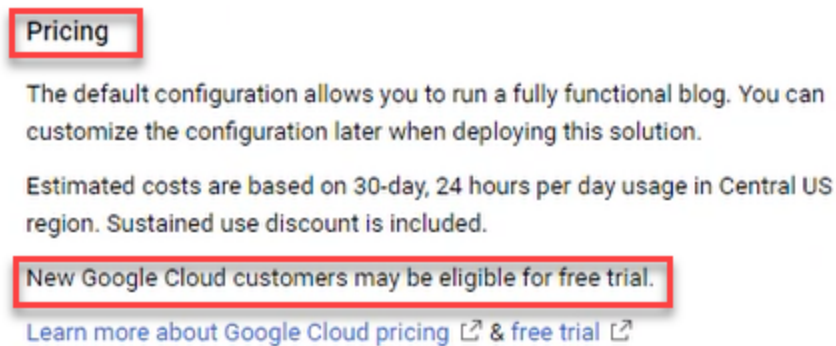


**There will be many similar results.
Now we will explain which one you can choose to make use of your free credits.**

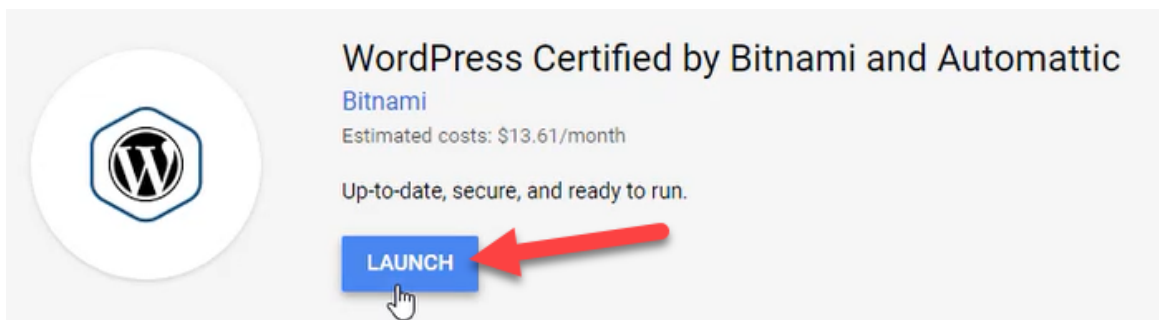
- Click on the desired search result. You will be redirected to the chosen image page.



- Scroll down the page and look for the “Pricing” section. If there is “*New Google Cloud customers may be eligible for a free trial*” line, proceed to the next step. If there is not, go back to search results.



- Scroll up the page and click on “Launch”.



- Wait some time as your WordPress image is deploying.

← New WordPress Certified by Bitnami and Automattic deployment

Configuring APIs, this may take a few minutes. ...

- After deployment, you should come up with a “*Deployment name*”.

Deployment name

id

- Choose “Zone” by clicking on the dropdown list and selecting one. Make sure you choose the zone closest to your future audiences. Selecting a “Zone” means that your virtual machines will be placed in that zone. To find out specific zone data check that links <https://cloud.google.com/compute/docs/regions-zones>.

Zone ?

europa-west4-a

- Choose “*small*” under “*Machine type*”. It is enough for WordPress pages and will allow you to make the most from your free credits.

Machine type ?

small (1 shared ...

1.7 GB memory

Customize

Upgrade your account to create instances with up to 96 cores

- Under the “*Boot Disk*” section, leave “*Standard Persistent Disk*” and 10 in “*Boot disk size in GB*”.

Boot Disk

Boot disk type ?

Standard Persistent Disk

Boot disk size in GB ?

10

- Leave “*Network interfaces*” as “*default*”. You will later change your IP address to static.

Networking

Network interfaces

default default (10.164.0.0/20)

- Don’t change anything under the “*Firewall*” section.

Firewall ?

Add tags and firewall rules to allow specific network traffic from the Internet

⚠ Creating certain firewall rules may expose your instance to the Internet. Please check if the rules you are creating are aligned with your security preferences. [Learn more](#)

☒ Allow HTTP traffic from the Internet

Source IP ranges for HTTP traffic ?

0.0.0.0/0, 192.169.0.2/24

☒ Allow HTTPS traffic from the Internet

Source IP ranges for HTTPS traffic ?

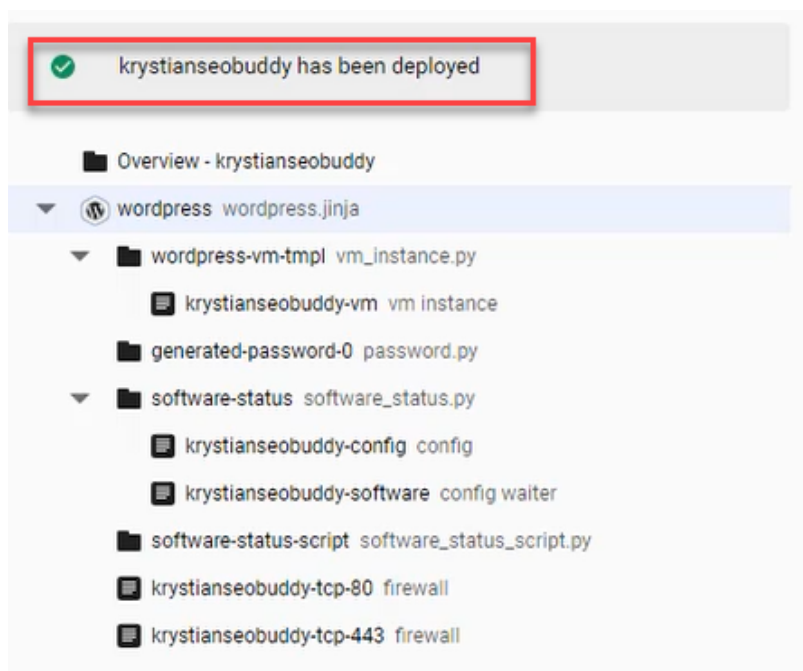
0.0.0.0/0, 192.169.0.2/24

- Checkbox to accept “*GCP Marketplace Terms of Service*” and click on “*Deploy*”.

☒ I accept the [GCP Marketplace Terms of Service](#).

Deploy

- You will be presented with the status of your deployment. “**deploymentname** has been deployed” message indicates that the deployment is complete.



- On the right side of the page, you will find basic data of your new website. Write down your “Admin password (Temporary)”.



WordPress Certified by Bitnami and Automattic

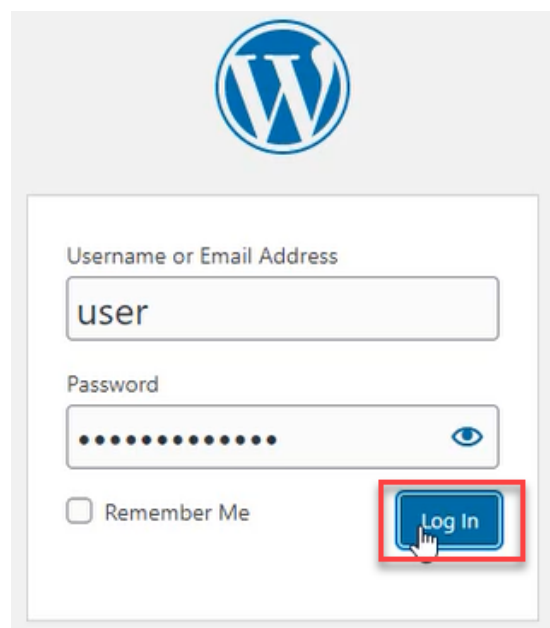
Solution provided by Bitnami

Site address	http://34.90.110.239/
Admin URL	http://34.90.110.239/wp-admin/
Admin user	user
Admin password (Temporary)	██████████
Instance	krystianseobuddy-vm
Instance zone	europe-west4-a
Instance machine type	g1-small

- Click on the URL next to “Admin URL”.

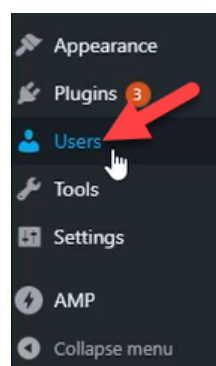
Site address	http://34.90.110.239/
Admin URL	http://34.90.110.239/wp-admin/

- “Log In” with “user” and your temporary admin password that you write down two steps back.

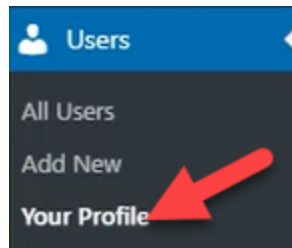


The image shows the WordPress login interface. At the top is the WordPress logo. Below it is a form with two input fields: "Username or Email Address" containing the text "user", and "Password" with masked dots. There is a "Remember Me" checkbox and a "Log In" button. The "Log In" button is highlighted with a red box and a hand cursor icon.

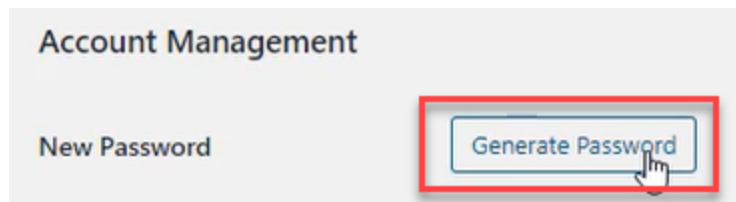
- You are now Logged in to your WordPress Admin Panel.
- On the left side menu choose “User”.



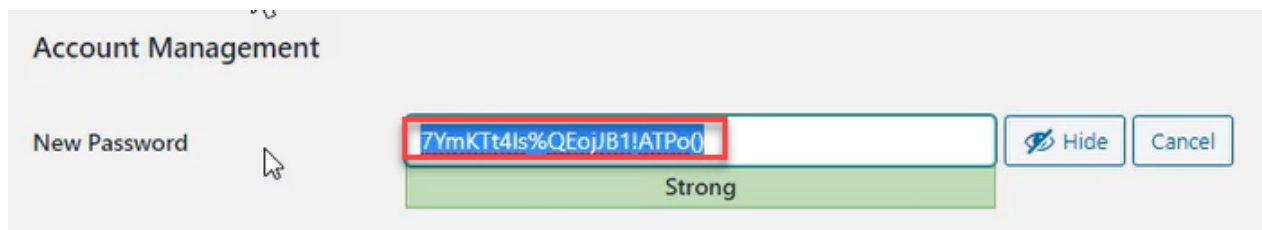
- Then click on “*Your Profile*”.



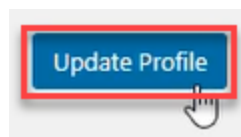
- Under “*Account Management*” click on “*Generate Password*”.



- Replace the generated password with your own. This will be your password for the WordPress Admin Panel.



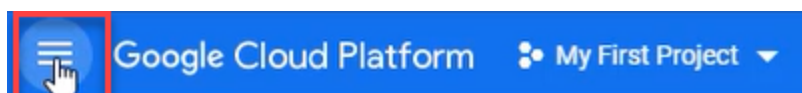
- Click on “*Update Profile*”.



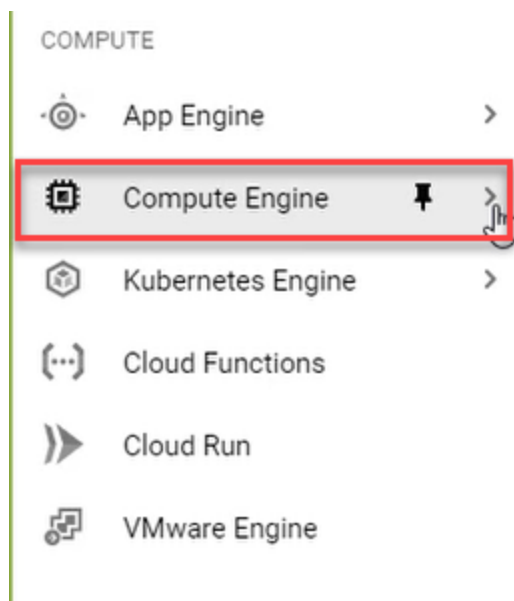
Your WordPress site is now successfully launched on Google Cloud!

Setting static IP for your website

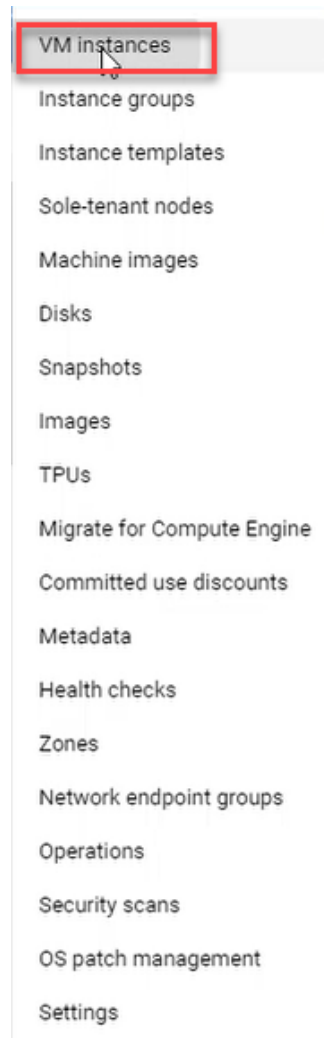
- Click on the “*menu button*” in the upper left corner of your Google Cloud Platform.



- In the “*Compute*” section click on “*Compute Engine*”.



- Choose “*VM instances*” from the list.



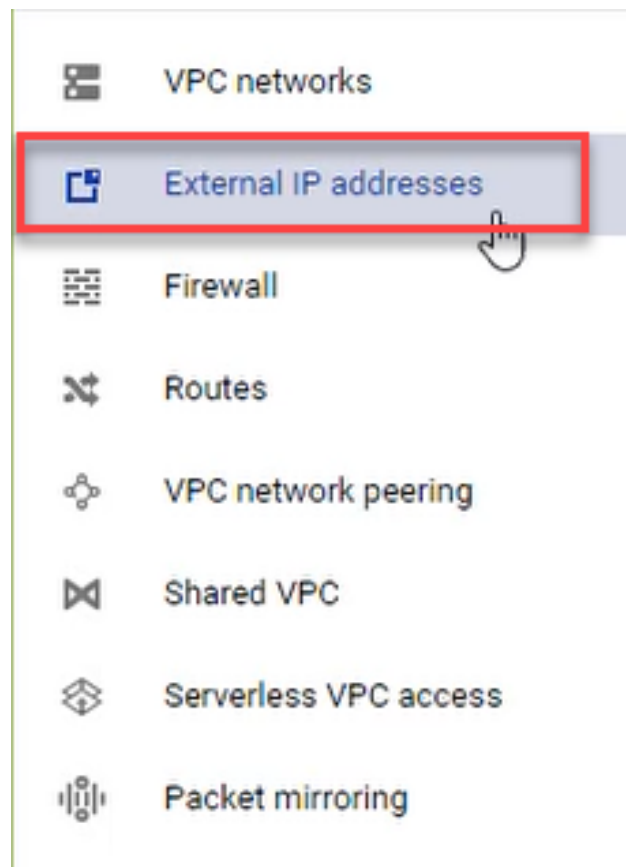
- Click on your instance created on Google Cloud. You will recognize it as it is the same as your “deployment name” with “-vm” at the end.

<input type="checkbox"/>	Name ^	Zone	Recommendation	In use by	Internal IP	External IP	Connect
<input type="checkbox"/>	<input checked="" type="checkbox"/> krystianseobuddy-vm	europe-west4-a			10.164.0.2 (nic0)	34.90.110.239	SSH ▾ ⋮

- You will be redirected to your instance information page. Click on “View details” in the “Network interfaces” section.

Network interfaces							
Name	Network	Subnetwork	Primary internal IP	Alias IP ranges	External IP	Network Tier	IP forwarding
nic0	default	default	10.164.0.2	—	34.90.110.239 (ephemeral)	Premium	Off
							View details

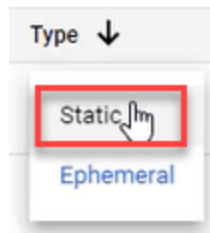
- Choose “External IP addresses” from the left side menu.



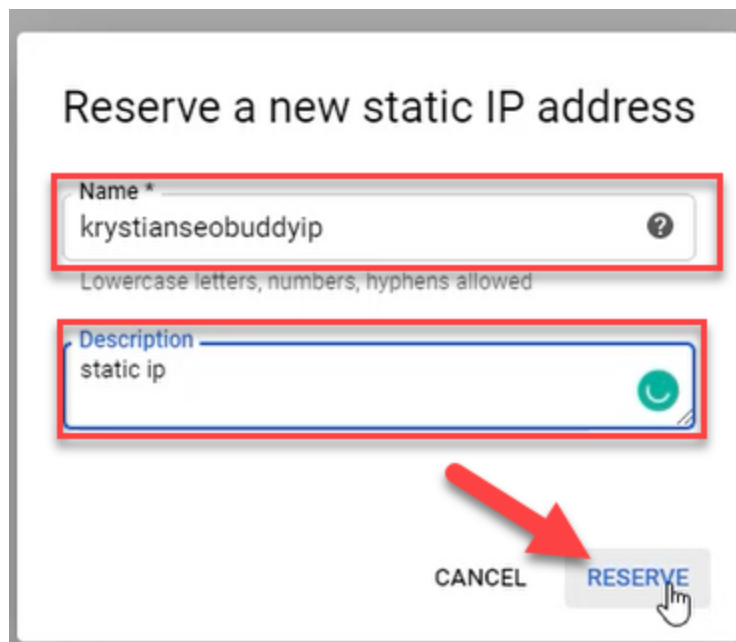
- As you can see, your page’s IP type is “Ephemeral”.

<input type="checkbox"/>	Name	External Address	Region	Type ↓	Version	In use by	Network Tier	Labels
<input type="checkbox"/>	—	34.90.110.239	europe-west4	Ephemeral	IPv4	VM instance krystianseobuddy-vm (Zone europe-west4-a)		

- Click on “*Ephemeral*” (Columns “*Type*”) and choose “*Static*”.



- A pop-up window will appear. You have to reserve your static IP address. Simply type a desired name in the “*Name*” box and add some description for it so you can easily recall why you reserved this IP. After that click on “*Reserve*”.

A screenshot of a pop-up window titled "Reserve a new static IP address". It contains two input fields: "Name *" with the value "krystianseobuddyip" and a red border, and "Description" with the value "static ip" and a blue border. Below the "Name" field is a hint: "Lowercase letters, numbers, hyphens allowed". At the bottom right, there are two buttons: "CANCEL" and "RESERVE". A red arrow points to the "RESERVE" button, which has a mouse cursor over it.

That's it! Your website is yours to develop. It is online and ready to reach the world. If desired, you can go to your WordPress Admin Panel's "User" section in the left menu to change the default username of your WordPress Administrator.

