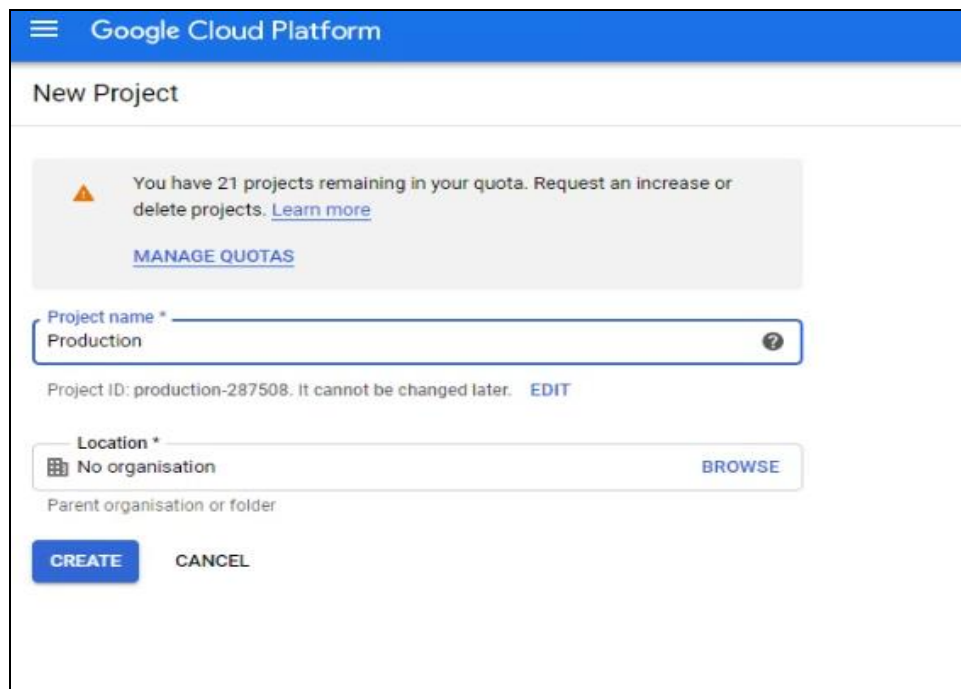
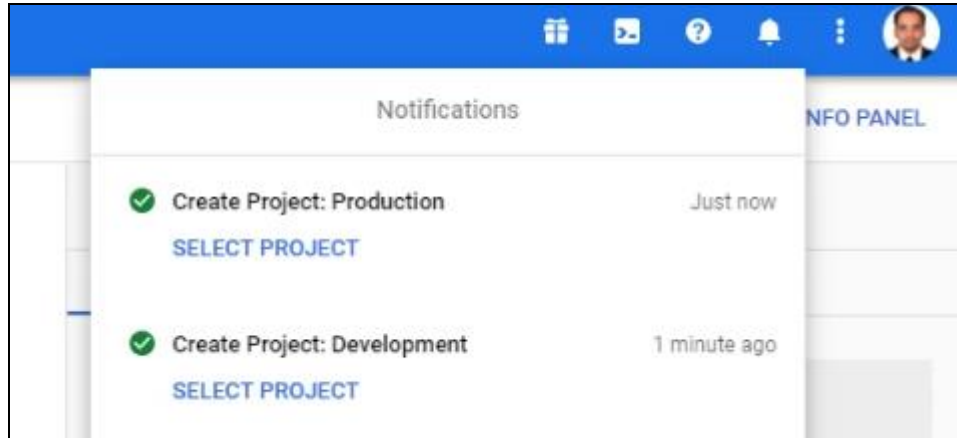


## Google Cloud Platform (VPC Peering, Kubernetes Clusters ,Word Press Deployment and connection with SQL Server)

- Open console.cloud.google.com and create 2 Projects 'Production' and 'Development'

A screenshot of the 'New Project' form in the Google Cloud Platform console. The form is titled 'New Project' and includes a warning message about project quotas. The 'Project name' field is filled with 'Production', and the 'Project ID' is shown as 'production-287508'. The 'Location' is set to 'No organisation'. At the bottom, there are 'CREATE' and 'CANCEL' buttons.

Google Cloud Platform

New Project

You have 21 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

Project name \*  
Production

Project ID: production-287508. It cannot be changed later. [EDIT](#)

Location \*  
No organisation [BROWSE](#)

Parent organisation or folder

[CREATE](#) [CANCEL](#)

Google Cloud Platform

DASHBOARD ACTIVITY RECOMMENDATIONS

How Google Cloud is helping during COVID-19. [Learn more](#)

### Project info

Project name  
Production

Project ID  
production-287508


Project number  
1077587378369

[ADD PEOPLE TO THIS PROJECT](#)

[Go to project settings](#)

### API APIs

Requests (requests/sec)



### Google Cloud Platform status

All services normal

[Go to Cloud status dashboard](#)

### Billing

Estimated charges  
For the billing period 1–25 Aug 2020

INR ₹0.00

[View detailed charges](#)

Google Cloud Platform Development

DASHBOARD ACTIVITY RECOMMENDATIONS

How Google Cloud is helping during COVID-19. [Learn more](#)

### Project info

Project name  
Development

Project ID  
development-287508

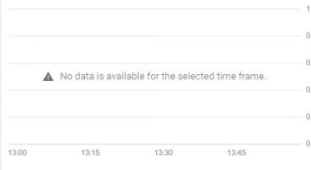
Project number  
909157265779

[ADD PEOPLE TO THIS PROJECT](#)

[Go to project settings](#)

### API APIs

Requests (requests/sec)



### Google Cloud Platform status

All services normal

[Go to Cloud status dashboard](#)

### Billing

Estimated charges  
For the billing period 1–25 Aug 2020

INR ₹0.00

[View detailed charges](#)

Google Cloud Platform

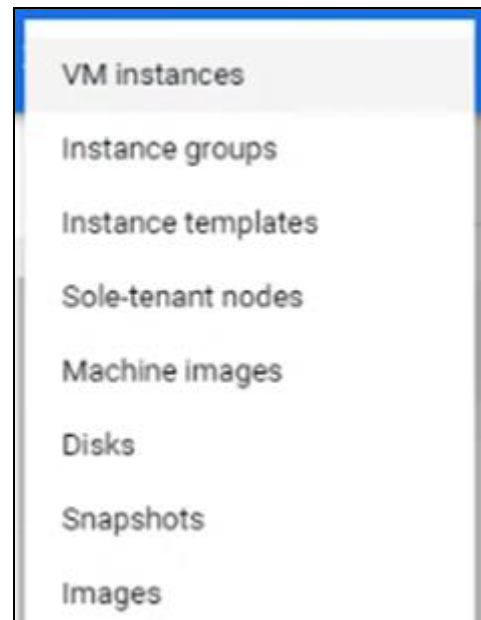
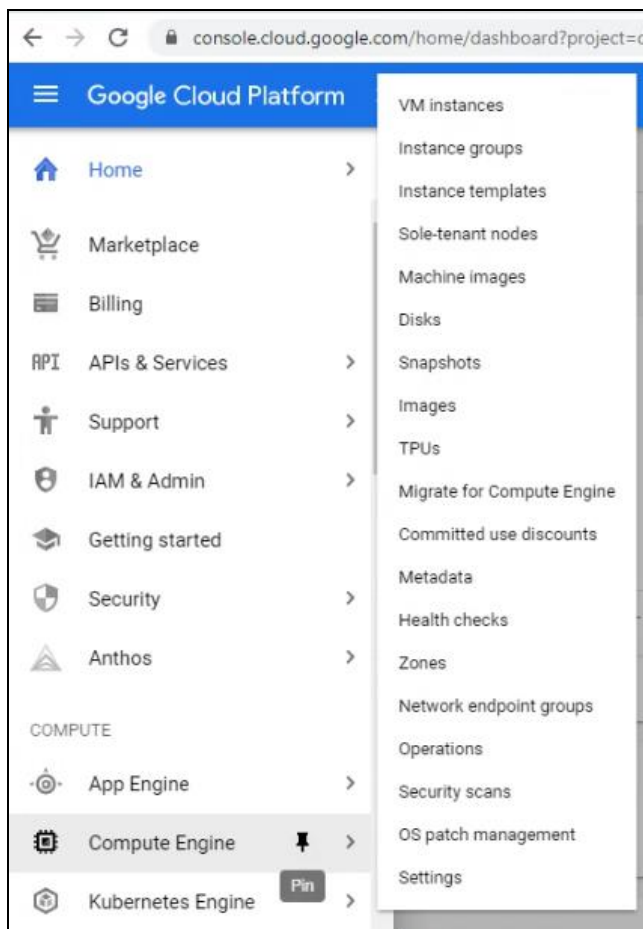
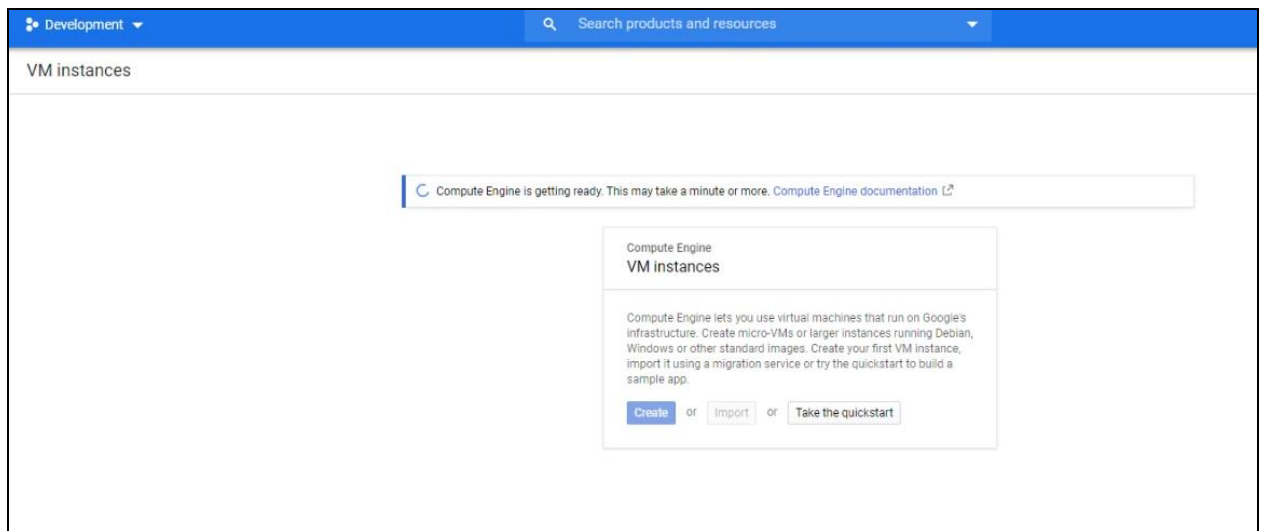
Search products and resources

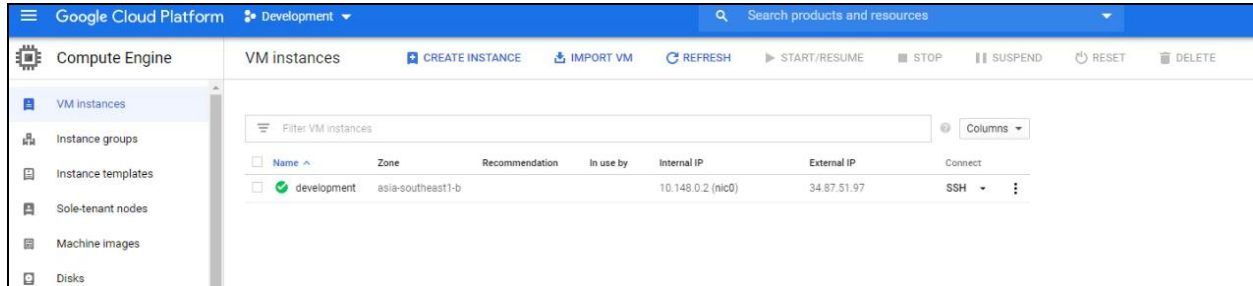
Manage resources [+ CREATE PROJECT](#) [+ CREATE FOLDER](#) [MOVE](#) [DELETE](#)

Filter

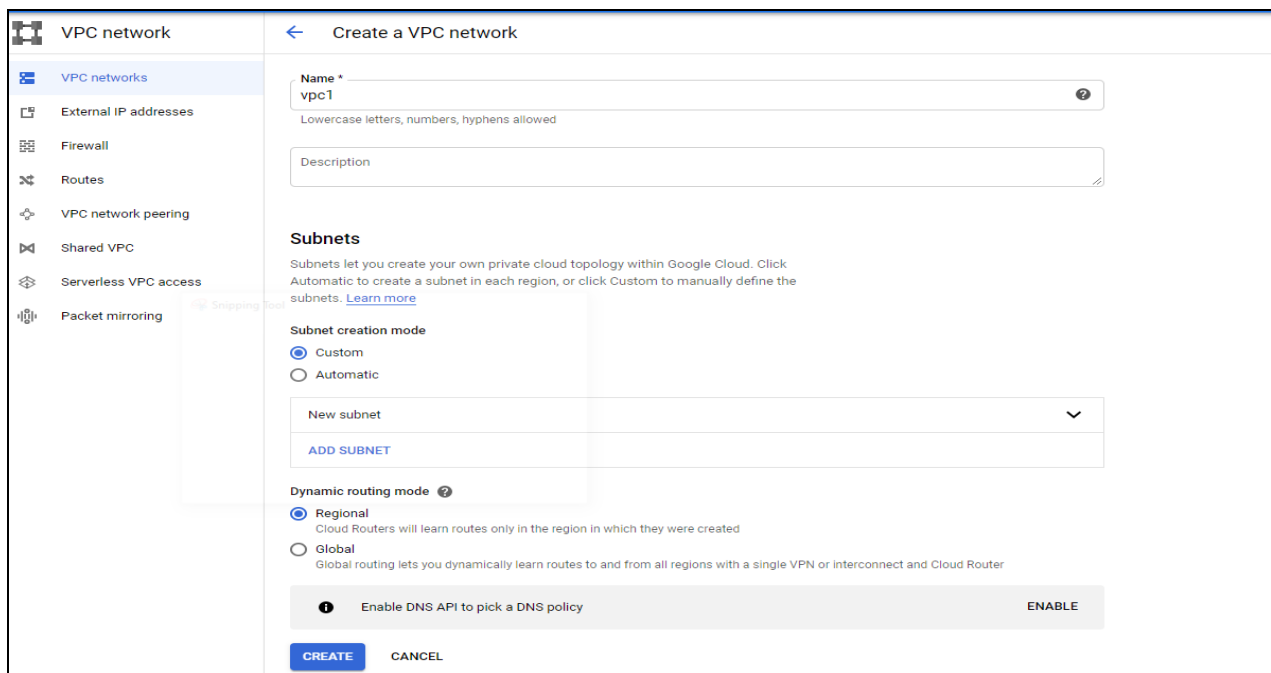
<input type="checkbox"/>	Name	ID	Last accessed ↓	Charges ?	Labels
<input type="checkbox"/>	▼ No organization		25 August 2020		⋮
<input type="checkbox"/>	Production	production-287508	25 August 2020		⋮
<input type="checkbox"/>	Development	development-287508	25 August 2020		⋮

- **Create Instance for each project (Production and Development)**





- Create Customised VPC Network vpc1 for (Region Asia) and vpc2 production (Region US) respectively



Edit subnet

Name \*

dev-singapore

?

Lowercase letters, numbers, hyphens allowed

[Add a description](#)

Region \*

asia-south1

?

IP address range \*

10.0.1.0/24

?

[Create secondary IP range](#)

Private Google access 

?

☐ On

☒ Off

Flow logs

Turning on VPC flow logs doesn't affect performance, but some systems generate a large number of logs, which can increase costs in Stackdriver. [Learn more](#)

☐ On

☒ Off

VPC network

VPC networks

External IP addresses

Firewall

Routes

VPC network peering

Shared VPC

Serverless VPC access

Packet mirroring

Create a VPC network

vpc2

Lowercase letters, numbers, hyphens allowed

Description  
usa-production

Subnets

Subnets let you create your own private cloud topology within Google Cloud. Click Automatic to create a subnet in each region, or click Custom to manually define the subnets. [Learn more](#)

Subnet creation mode

☒ Custom

☐ Automatic

New subnet

Name \*  
vpc-2 us

Name must be lowercase letters, numbers and hyphens

[Add a description](#)

Region \*  
us-central1

IP address range \*  
10.0.2.0/24

[Create secondary IP range](#)

Private Google access

☐ On

☒ Off

VPC network

VPC networks

External IP addresses

Firewall

Routes

VPC network peering

Shared VPC

Serverless VPC access

Packet mirroring

VPC network details

EDIT

DELETE VPC NETWORK

vpc2

Description  
usa-production

Subnet creation mode  
Custom subnets

Dynamic routing mode  
Regional

DNS server policy  
None

Subnets

Static internal IP addresses

Firewall rules

Routes

VPC Network Peering

Private service connection

Add subnet

Flow logs

Name	Region	IP address ranges	Gateway	Private Google access	Flow logs
vpc2-us	us-central1	10.0.2.0/24	10.0.2.1	Off	Off

Reserved subnets for internal HTTP(S) load balancers

Name	Region	IP address ranges	Gateway	Role
No matching results				

```
ssh.cloud.google.com/projects/development-287508/zones/us-central1-a/instances/development?useAdminProxy=true&authuser=0&...  
Connected, host fingerprint: ssh-rsa 0 9C:56:50:8D:80:95:D4:CE:75:5E:09:05:2E:CF  
:D0:6F:A6:B5:E6:4B:CS:7F:E0:42:70:FA:0B:29:AB:CB:C7:D7  
Linux development 4.9.0-13-amd64 #1 SMP Debian 4.9.228-1 (2020-07-05) x86_64  
  
The programs included with the Debian GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.  
Last login: Tue Aug 25 12:57:45 2020 from 35.235.241.19  
nikigeared@development:~$ which telnet  
nikigeared@development:~$ sudo apt install telnet -y  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following NEW packages will be installed:  
  telnet  
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.  
Need to get 72.0 kB of archives.  
After this operation, 161 kB of additional disk space will be used.  
Get:1 http://deb.debian.org/debian stretch/main amd64 telnet amd64 0.17-41 [72.0 kB]  
Fetched 72.0 kB in 0s (964 kB/s)  
Selecting previously unselected package telnet.  
(Reading database ... 39755 files and directories currently installed.)  
Preparing to unpack .../telnet_0.17-41_amd64.deb ...  
Unpacking telnet (0.17-41) ...  
Setting up telnet (0.17-41) ...  
update-alternatives: using /usr/bin/telnet.netkit to provide /usr/bin/telnet (telnet) in auto mode  
Processing triggers for man-db (2.7.6.1-2) ...  
nikigeared@development:~$
```

```
nikigear@production: ~ - Google Chrome
ssh.cloud.google.com/projects/production-287508/zones/asia-east1-b/instances/production?useAdminProxy=true&authuser=0&hl=en...
Connected, host fingerprint: ssh-rsa 0 79:78:CB:A6:F2:EE:14:BB:9A:B0:2E:B3:B2:E4
:9C:37:32:CC:0A:64:16:63:CD:16:B6:4D:9E:A9:5C:BB:25:2E
Linux production 4.9.0-13-amd64 #1 SMP Debian 4.9.228-1 (2020-07-05) x86_64

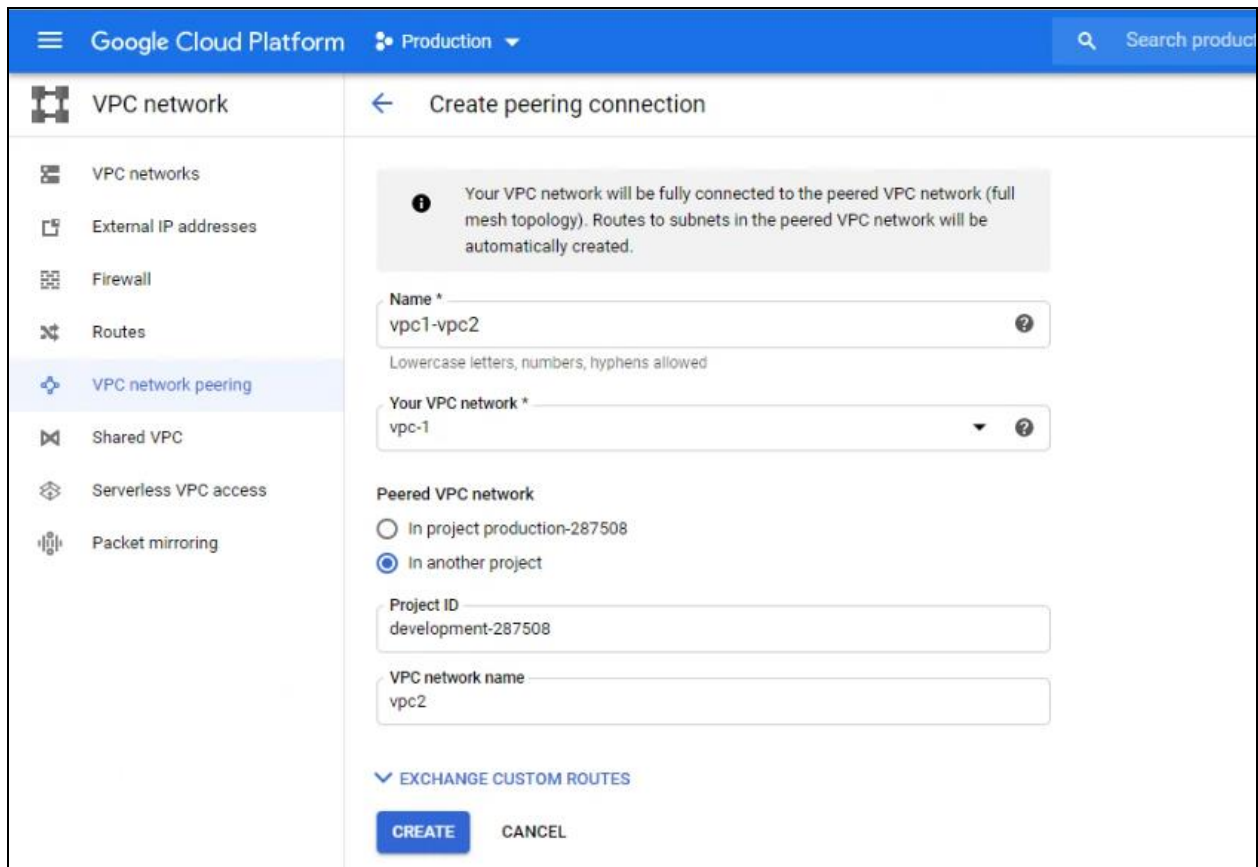
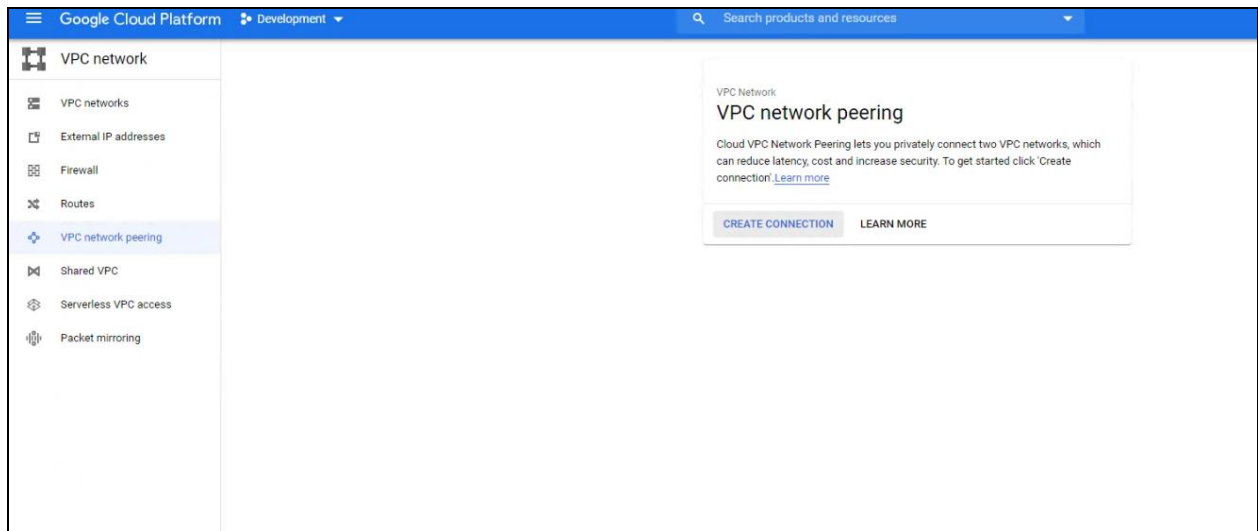
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
nikigear@production:~$
```

115x43



- Establish VPC Peering



Development

Search

←

Create peering connection

Your VPC network will be fully connected to the peered VPC network (full mesh topology). Routes to subnets in the peered VPC network will be automatically created.

Name \*

development-28750

Lowercase letters, numbers, hyphens allowed

Your VPC network \*

vpc2

Peered VPC network

☐ In project development-287508

☒ In another project

Project ID

vpc-1

VPC network name

production-287508

Google Cloud Platform

Development

Search products and resources

VPC network

Create peering connection

VPC networks

External IP addresses

Firewall

Routes

VPC network peering

Shared VPC

Serverless VPC access

Packet mirroring

Your VPC network will be fully connected to the peered VPC network (full mesh topology). Routes to subnets in the peered VPC network will be automatically created.

Name \*

vpc2-vpc1

Lowercase letters, numbers, hyphens allowed

Your VPC network \*

Peered VPC network

☒ In project development-287508

☐ In another project

VPC network name \*

EXCHANGE CUSTOM ROUTES

CREATE

CANCEL

Google Cloud Platform

Production

Search products and resources

VPC network

Create peering connection

VPC networks

External IP addresses

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Routes

VPC network peering

Shared VPC

Serverless VPC access

Packet mirroring

Your VPC network will be fully connected to the peered VPC network (full mesh topology). Routes to subnets in the peered VPC network will be automatically created.

Name \*

vpc1-vpc2

Lowercase letters, numbers, hyphens allowed

Your VPC network \*

vpc-1

Peered VPC network

☐ In project production-287508

☒ In another project

Project ID

development-287508

VPC network name

EXCHANGE CUSTOM ROUTES

CREATE

CANCEL

☰

Google Cloud Platform

⚙️

Production ▼

🔍

Search products and resources ▼

🔌

VPC network

☰

Filter table

<input type="checkbox"/>	Name ↑	Your VPC network	Peered VPC network	Peered project ID	Status	Exchange custom routes
<input type="checkbox"/>	vpc1-vpc2	vpc-1	vpc2	development-287508	✔️ Active	None ⋮

🔌

VPC networks

🌐

External IP addresses

🔥

Firewall

🛣️

Routes

⚙️

VPC network peering

🔗

Shared VPC

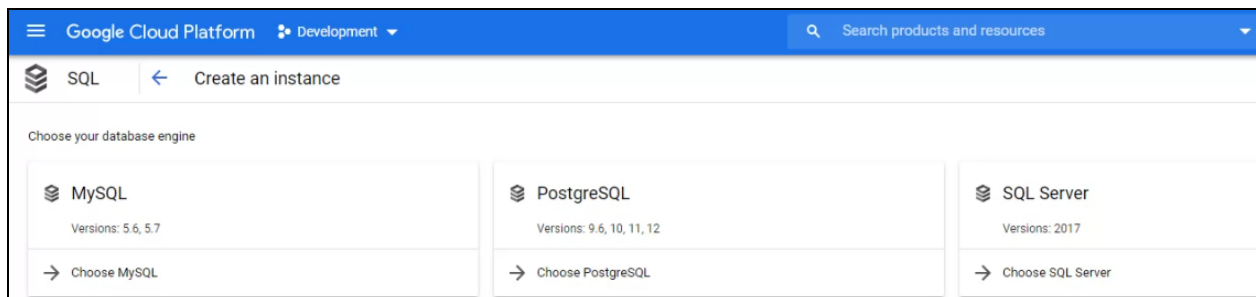
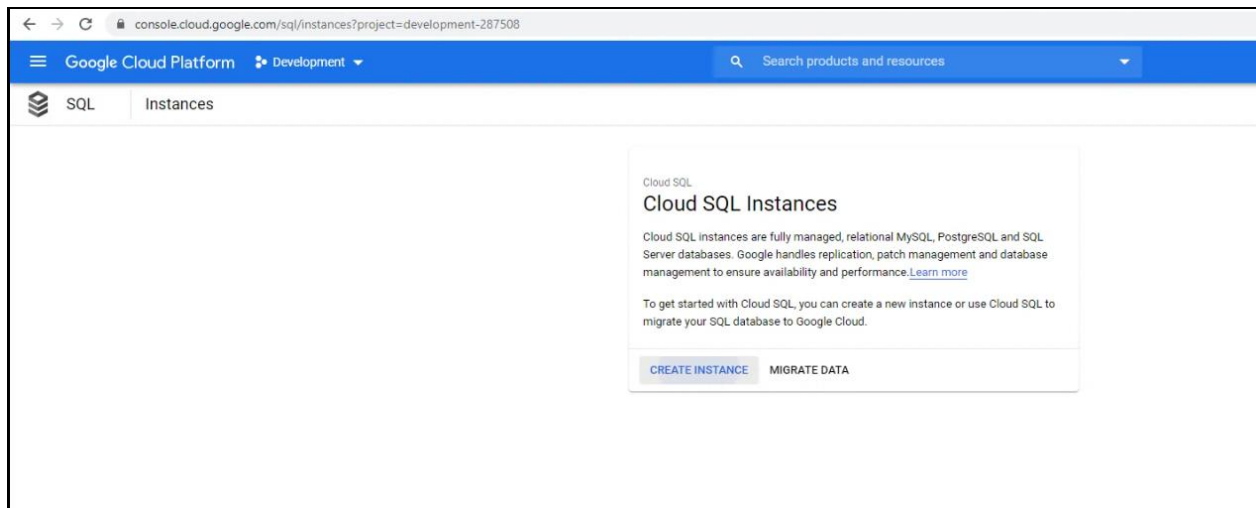
🌐

Serverless VPC access

📡

Packet mirroring

## Install SQL instance on Development Project



Google Cloud Platform

Development

SQL

Create a MySQL instance

Instance info

Instance ID

Choice is permanent. Use lowercase letters, numbers and hyphens. Start with a letter.

db-nikhil

Root password

Set a password for the root user. [Learn more](#)

Generate

☐ No password

Location

For better performance, keep your data close to the services that need it.

Region

Choice is permanent

us-central1 (Iowa)

Zone

Can be changed at any time

Any

Database version

MySQL 5.7

[Show configuration options](#)

Create

Cancel

Google Cloud Platform development

SQL Overview EDIT IMPORT EXPORT RESTART STOP DELETE CLONE

MASTER INSTANCE

Overview

Connections

Users

Databases

Backups

Replicas

Operations

All instances > db-nikhil

db-nikhil

MySQL 5.7

Instance is being created. This may take a few minutes. While this operation is running, you may continue to view information about the instance.

CPU utilisation

1 hour 6 hours 1 day 7 days 30 days

No data is available for the selected time frame.

Connect to this instance

Connection name

development-287508:us-central1:db-nikhil

Configuration

vCPUs 1

Memory 3.75 GB

SSD storage 10 GB

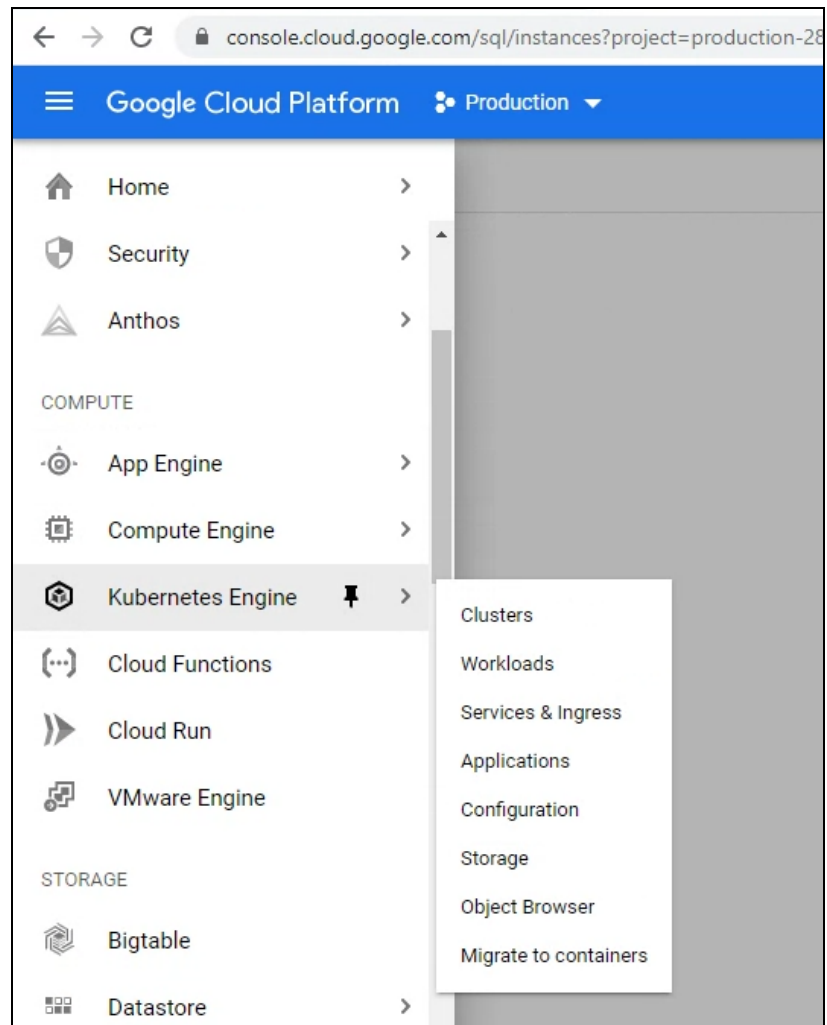
Google Cloud Platform Development

SQL Instances + CREATE INSTANCE MIGRATE DATA

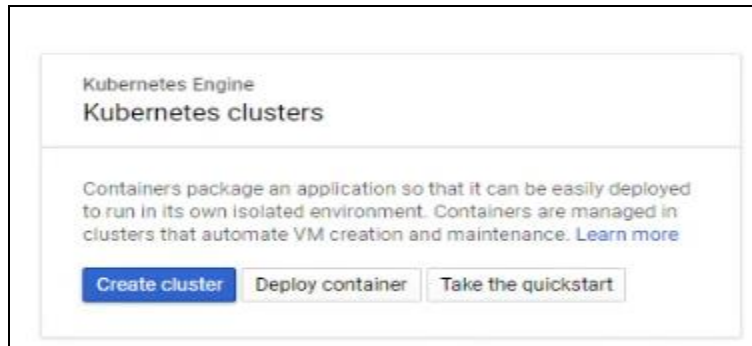
Filter tree

Instance ID	Type	Public IP address	Private IP address	Instance connection name	High availability	Location	Storage used	Labels
db-nikhil	MySQL 5.7	34.72.195.99		development-287508:us-centr...	ADD	us-central1-a	1 GB of 10 GB	

Nikhil Thiruvanthari  
 nikigear@gmail.com







Create a Kubernetes cluster

+ ADD NODE POOL

REMOVE NODE POOL

Cluster basics

NODE POOLS

default-pool

CLUSTER

Automation

Networking

Some form fields are incorrect

Security

Metadata

Features

Cluster basics

The new cluster will be created with the name, version and in the location that you specify here. After the cluster is created, name and location can't be changed.

To experiment with an affordable cluster, try **My first cluster** in the Cluster set-up guides

Name

cluster-asia

Location type

Zonal

Regional

Region

asia-southeast1

Specify default node locations

The same number of nodes will be deployed to each selected zone

asia-southeast1-a

asia-southeast1-b

asia-southeast1-c

Master version

Choose Release Channel to get automatic GKE upgrades as new versions are ready. Choose a static version to upgrade manually in the future. [Learn more](#)

Release channel

Static version

Static version

1.15.12-gke.2 (default)

Cluster set-up guides

My first cluster

An affordable cluster to experiment with

CREATE

CANCEL

Equivalent [REST](#) or [command line](#)

Google Cloud Platform

Production

Search products and resources

Create a Kubernetes cluster

Make sure that all fields are correct to continue

Cluster basics

NODE POOLS

default-pool

Nodes

Security

Metadata

CLUSTER

Automation

Networking

Security

Metadata

Features

Node pool details

The new cluster will be created with at least one node pool. A node pool is a template for groups of nodes created in this cluster. More node pools can be added and removed after cluster creation.

Name

default-pool

Node version

1.15.12-gke.2 (master version)

Size

Number of nodes (per zone) \*

3

Total (in all zones): 9

Pod address range limits the maximum size of the cluster. [Learn more](#)

☐ Enable auto-scaling

☐ Specify node locations

Default: asia-southeast1-a, asia-southeast1-b, asia-southeast1-c

Automation

☒ Enable auto-upgrade

☒ Enable auto-repair

Surge upgrade

Max. surge

1

Max. unavailable

0

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Kubernetes Engine

Clusters

Workloads

Services & Ingress

Applications

Configuration

Storage

Object Browser

Migrate to containers

Kubernetes clusters

CREATE CLUSTER

DEPLOY

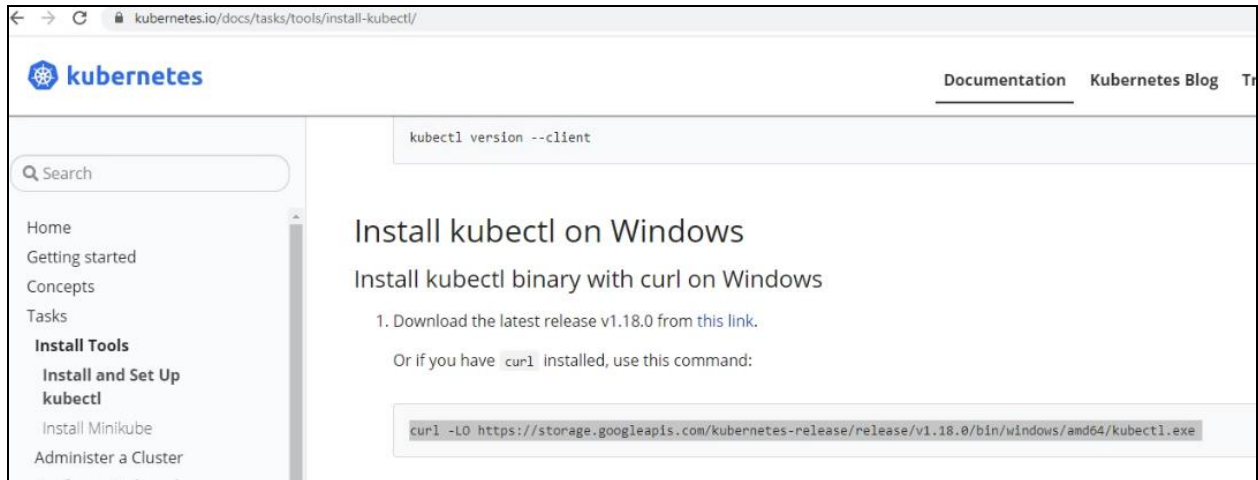
REFRESH

DELETE

A Kubernetes cluster is a managed group of VM instances for running containerised applications. [Learn more](#)

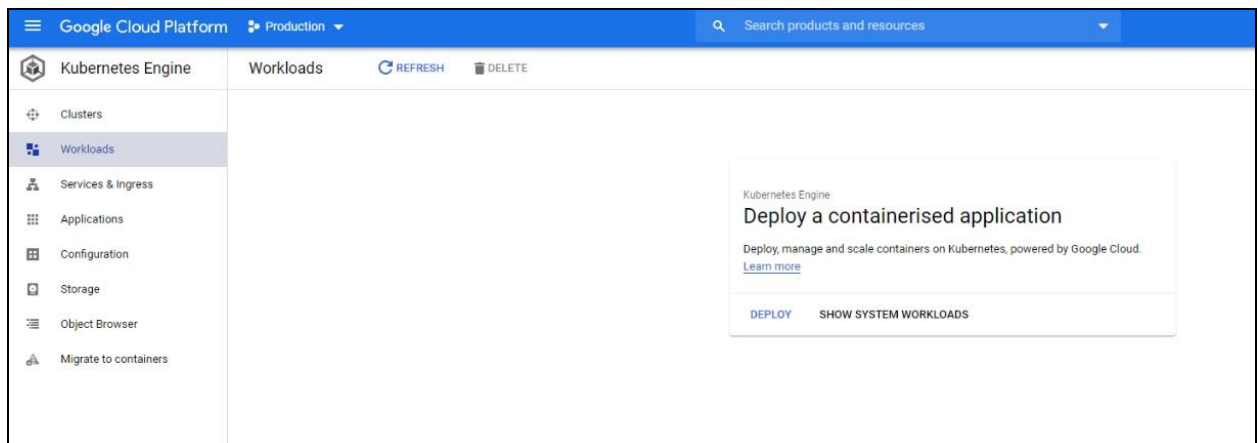
Filter by label or name

<input type="checkbox"/> Name ^	Location	Cluster size	Total cores	Total memory	Notifications	Labels
<input type="checkbox"/> cluster-asia	asia-east1	3	6 vCPUs	3.00 GB		<div>Connect</div> <div></div> <div></div>



By executing code 'kubectl get nodes' it will display all running clusters and nodes as shown below

```
nikigeared@cloudshell:~ (production-287508) $ kubectl get nodes
NAME                                STATUS    ROLES    AGE   VERSION
gke-cluster-asia-default-pool-0a248c60-krx5   Ready    <none>   67m   v1.15.12-gke.2
gke-cluster-asia-default-pool-74c164f7-306b   Ready    <none>   67m   v1.15.12-gke.2
gke-cluster-asia-default-pool-f09b5584-p791   Ready    <none>   67m   v1.15.12-gke.2
nikigeared@cloudshell:~ (production-287508) $
```



Google Cloud Platform Production Search products and resources

Kubernetes Engine Kubernetes clusters CREATE CLUSTER DEPLOY REFRESH DELETE

Clusters

Workloads

Services & Ingress

Applications

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Storage

Object Browser

Migrate to containers

A Kubernetes cluster is a managed group of VM instances for running containerised applications. [Learn more](#)

Filter by label or name

Name	Location	Cluster size	Total cores	Total memory	Notifications	Labels
cluster-asia	asia-east1	3	6 vCPUs	3.00 GB		

Connect

### Connect to the cluster

You can connect to your cluster via command-line or using a dashboard.

#### Command-line access

Configure `kubectl` command-line access by running the following command:

```
gcloud container clusters get-credentials cluster-asia --region asia-east1 --project production-287508
```

Run in Cloud Shell

#### Cloud Console dashboard

You can view the workloads running in your cluster in the Cloud Console [Workloads dashboard](#).

Open Workloads dashboard

OK

Marketplace

<

CLOUD SHELL Terminal (production-287508) x +

```
Welcome to Cloud Shell! Type "help" to get started.
Your Cloud Platform project in this session is set to production-287508.
Use "gcloud config set project [PROJECT_ID]" to change to a different project.
nikigeared@cloudshell:~ (production-287508) $ gcloud container clusters get-credentials cluster-asia --region asia-east1 --project production-287508
Fetching cluster endpoint and auth data.
kubeconfig entry generated for cluster-asia.
nikigeared@cloudshell:~ (production-287508) $
```

Google Cloud Platform

Production

Search products and resources

Kubernetes Engine

← Create a deployment

Clusters

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Storage

Object Browser

Migrate to containers

1 Container

Edit container

Existing container image

New container image

Image path \*

nginx:latest

SELECT

Enter your image path, or choose from Google Container Registry. You can also try to deploy with official nginx image nginx:latest.

Environment variables

+ ADD ENVIRONMENT VARIABLE

Initial command

Overrides the default entrypoint of the container image.

CANCEL

DONE

ADD CONTAINER

CONTINUE

2 Configuration

Nikhil Thiruvanthéri  
nikigear@gmail.com

← → ↻ console.cloud.google.com/kubernetes/workload/deploy?project=production-287508

Google Cloud Platform Production Search products and resources

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Migrate to containers

Marketplace

Create a deployment

✓ Container

2 Configuration

A deployment is a configuration that defines how Kubernetes deploys, manages and scales your container image. Kubernetes will ensure that your system matches this configuration.

Application name \*  
nginx-1

Namespace \*  
default

Labels

Key	Value
app	nginx-1

+ ADD KUBERNETES LABEL

Configuration YAML

Kubernetes deployments are defined declaratively using YAML files. The best practice is to store these files in version control, so that you can track changes to your deployment configuration over time.

VIEW YAML

Cluster

Kubernetes Cluster

cluster-asia (asia-east1)

Cluster in which the deployment will be created.

CREATE NEW CLUSTER

Google Cloud Platform

Production

Search products and resources

Kubernetes Engine

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Migrate to containers

Deployment details

EDIT

DELETE

ACTIONS

KUBECTL

nginx-1

Using an existing cluster: asia-east1/cluster-asia

Using an existing cluster: asia-east1/cluster-asia

Creating a Deployment

Waiting for Pods

HIDE ALL STEPS

Deployment details

EDIT

DELETE

ACTIONS

KUBECTL

nginx-1

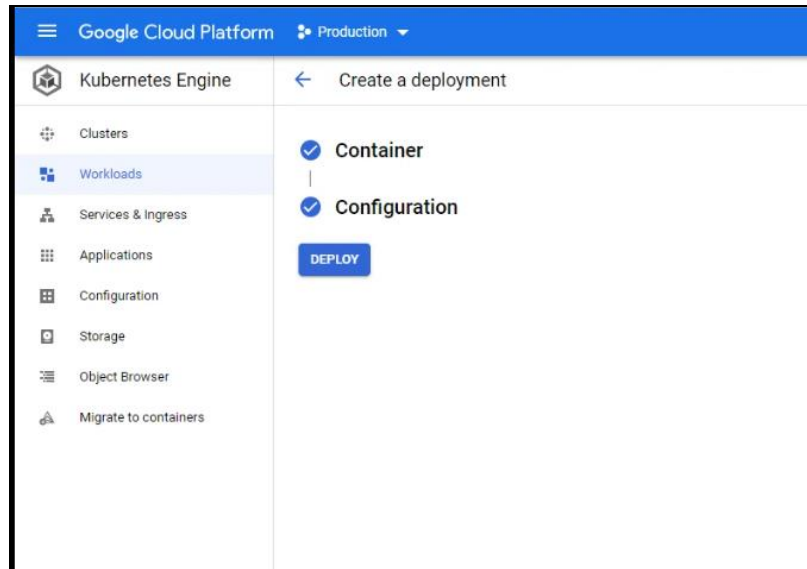
Waiting for Pods

Using an existing cluster: asia-east1/cluster-asia

Creating a Deployment

Waiting for Pods

HIDE ALL STEPS



Google Cloud Platform Production

Navigation menu

Kubernetes Engine

Deployment details REFRESH EDIT DELETE ACTIONS KUBECTL

nginx-1

To let others access your deployment, expose it to create a service

OVERVIEW DETAILS REVISION HISTORY EVENTS YAML

1 hour 6 hours 12 hours 1 day 2 days

CPU Memory Disk

Loading graph data No data is available for the selected time frame. No data is available for the selected time frame.

Cluster [cluster-asia](#)

Namespace default

Labels [app: nginx-1](#)

Logs [Container logs](#), [Audit logs](#)

Replicas 3 updated, 3 ready, 3 available, 0 unavailable

Pod specification Revision 1, containers: [nginx-1](#)

Active revisions

Revision	Name	Status	Summary	Created on	Pods running/Pods total
1	nginx-1-76949974bb	OK	nginx-1: nginx:latest	26 Aug 2020, 17:27:58	3/3

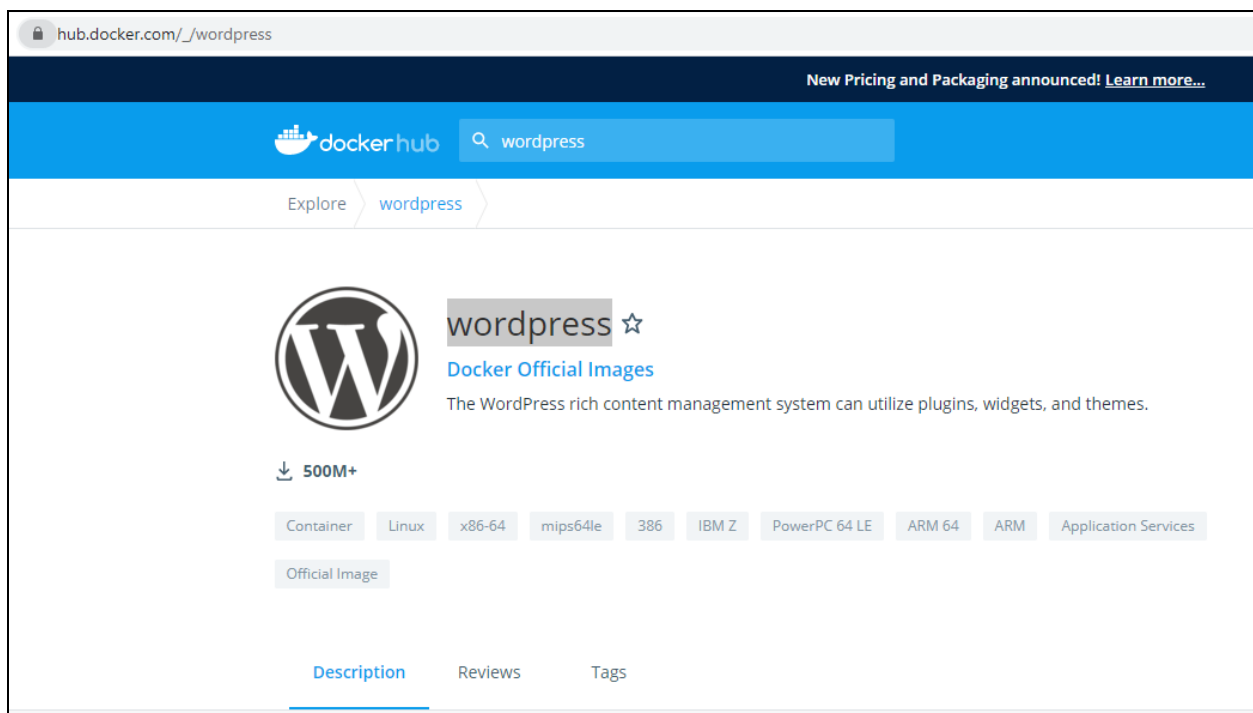
Marketplace



Type 'kubectl get pods' for getting number of running pods total

```
nikigeared@cloudshell:~ (production-287508)$ kubectl get node
NAME                                STATUS    ROLES    AGE    VERSION
gke-cluster-asia-default-pool-0a248c60-krx5    Ready    <none>    153m    v1.15.12-gke.2
gke-cluster-asia-default-pool-74c164f7-306b    Ready    <none>    153m    v1.15.12-gke.2
gke-cluster-asia-default-pool-f09b5584-p791    Ready    <none>    153m    v1.15.12-gke.2
nikigeared@cloudshell:~ (production-287508)$ kubectl get pods
NAME                                READY    STATUS    RESTARTS    AGE
nginx-1-76949974bb-44h6f            1/1      Running    0            4m24s
nginx-1-76949974bb-c6k9r            1/1      Running    0            4m24s
nginx-1-76949974bb-vxqrm            1/1      Running    0            4m24s
nikigeared@cloudshell:~ (production-287508)$
```

Find Docker image of wordpress on 'hub.docker.com' website



The screenshot shows the Docker Hub page for the 'wordpress' image. The page header includes the Docker Hub logo and a search bar containing 'wordpress'. Below the header, there's a navigation bar with 'Explore' and 'wordpress'. The main content area features the WordPress logo, the text 'wordpress' with a star icon, and 'Docker Official Images'. A description states: 'The WordPress rich content management system can utilize plugins, widgets, and themes.' Below this, it shows '500M+' downloads. A row of tags includes 'Container', 'Linux', 'x86-64', 'mips64le', '386', 'IBM Z', 'PowerPC 64 LE', 'ARM 64', 'ARM', and 'Application Services'. At the bottom, there are tabs for 'Description', 'Reviews', and 'Tags', with 'Description' being the active tab.

In commandline 'kubectl create deployment mywp --image=wordpress ' wordpress wil; be install on pods

```
nikigeared@cloudshell:~ (production-287508)$ kubectl get node
NAME                                STATUS    ROLES    AGE     VERSION
gke-cluster-asia-default-pool-0a248c60-krx5    Ready    <none>    153m    v1.15.12-gke.2
gke-cluster-asia-default-pool-74c164f7-306b    Ready    <none>    153m    v1.15.12-gke.2
gke-cluster-asia-default-pool-f09b5584-p791    Ready    <none>    153m    v1.15.12-gke.2
nikigeared@cloudshell:~ (production-287508)$ kubectl get pods
NAME                                READY    STATUS    RESTARTS   AGE
nginx-1-76949974bb-44h6f            1/1      Running    0           4m24s
nginx-1-76949974bb-c6k9r            1/1      Running    0           4m24s
nginx-1-76949974bb-vxqrm            1/1      Running    0           4m24s
nikigeared@cloudshell:~ (production-287508)$ kubectl get pods -o wide
NAME                                READY    STATUS    RESTARTS   AGE    IP              NODE                                NOMINATED NODE    READINESS GATES
nginx-1-76949974bb-vxqrm            1/1      Running    0           6m5s   10.8.1.5        gke-cluster-asia-default-pool-74c164f7-306b    <none>             <none>
nikigeared@cloudshell:~ (production-287508)$ kubectl create deployment mywp --image=wordpress
deployment.apps/mywp created
nikigeared@cloudshell:~ (production-287508)$
```

Note: Kubectl scale deployment my wp --replicas=5 (Gives Scalability)

```
nikigeared@cloudshell:~ (production-287508)$ kubectl expose deploy mywp --type=LoadBalancer --port=80
service/mywp exposed
nikigeared@cloudshell:~ (production-287508)$
```

The screenshot shows the Google Cloud Platform console interface. The left sidebar contains a menu with icons and labels for 'Network services', 'Load balancing', 'Cloud DNS', 'Cloud CDN', 'Cloud NAT', 'Traffic Director', and 'Service Directory'. The main content area is titled 'Load balancing' and includes buttons for 'CREATE LOAD BALANCER', 'REFRESH', and 'DELETE'. Below this, there are tabs for 'Load balancers', 'Backends', and 'Frontends'. A search bar is present with the text 'Filter by name or protocol'. A table lists the load balancers with columns for Name, Protocol, Region, and Backends. One load balancer is listed: 'ac4afcd39fae84e6eb01bdf4e12ba97a' with Protocol 'TCP', Region 'asia-east1', and '1 target pool (3 instances)'. A note at the bottom states: 'To edit load-balancing resources like forwarding rules and target proxies, go to the advanced menu.'

```
nikigeared@cloudshell:~ (production-287508)$ kubectl get deploy
NAME    READY    UP-TO-DATE    AVAILABLE    AGE
mywp    1/1      1              1             16m
nginx-1 1/1      1              1             30m
nikigeared@cloudshell:~ (production-287508)$ kubectl get services
NAME      TYPE        CLUSTER-IP    EXTERNAL-IP    PORT(S)          AGE
kubernetes ClusterIP    10.137.0.1     <none>          443/TCP          3h2m
mywp      LoadBalancer 10.137.13.238 35.236.132.26  80:31292/TCP     4m51s
nikigeared@cloudshell:~ (production-287508)$
```

Nikhil Thiruvanthari

nikigeared@gmail.com

```

nikigeared@cloudshell:~ (production-287508)$ kubectl get deploy
NAME          READY   UP-TO-DATE   AVAILABLE   AGE
mywp          1/1     1             1           16m
nginx-1       1/1     1             1           30m
nikigeared@cloudshell:~ (production-287508)$ kubectl get services
NAME          TYPE          CLUSTER-IP   EXTERNAL-IP   PORT(S)          AGE
kubernetes    ClusterIP     10.137.0.1    <none>         443/TCP           3h2m
mywp          LoadBalancer  10.137.13.238 35.236.132.26 80:31292/TCP      4m51s
nikigeared@cloudshell:~ (production-287508)$

```

Here notedown the the 'loadbalancer' ip and connect to the SQL located in the different region

The screenshot shows the Google Cloud Platform console for a SQL instance. The 'Connections' tab is active. The 'Public IP' checkbox is checked, and the 'Authorised networks' section is visible. A 'New network' dialog box is open, allowing the user to add a new network. The dialog box contains the following fields:

- Name (Optional):** wp\_nikhil
- Network:** 35.236.132.26

The 'Add network' button is highlighted in blue. Below the dialog box, there is a '+ Add network' button. At the bottom of the page, there are 'Save' and 'Discard changes' buttons.



English (United States)

Afrikaans

العربية

العربية المغربية

অসমীয়া

گۆنئی آذربایجان

Azərbaycan dili

Беларуская мова

Български

বাংলা

සිංහල

Bosanski

Català

Cebuano

Čeština

Cymraeg

Dansk

Deutsch (Schweiz, Du)

Deutsch

Deutsch (Schweiz)

Deutsch (Österreich)

Deutsch (Sie)

Continue



Welcome to WordPress. Before getting started, we need some information on the database. You will need to know the following items before proceeding.

1. Database name
2. Database username
3. Database password
4. Database host
5. Table prefix (if you want to run more than one WordPress in a single database)

We're going to use this information to create a wp-config.php file. **If for any reason this automatic file creation doesn't work, don't worry. All this does is fill in the database information to a configuration file. You may also simply open wp-config-sample.php in a text editor, fill in your information, and save it as wp-config.php.** Need more help? [We got it.](#)

In all likelihood, these items were supplied to you by your Web Host. If you don't have this information, then you will need to contact them before you can continue. If you're all ready...

Let's go!

Nikhil Thiruvanthari

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← → ↻

console.cloud.google.com/sql/instances?project=development-287508

Google Cloud Platform

Development

Search products and resources

SQL

Instances

+ CREATE INSTANCE

MIGRATE DATA

Filter tree

Instance ID

Type

Public IP address

Private IP address

Instance connection name

High availability


Location

Storage used

Labels

<input type="checkbox"/>	db-nikhil	MySQL 5.7	34.72.195.99		development-287508-us-centr...	ADD	us-central1-a	1 GB of 10 GB	
--------------------------	-----------	-----------	--------------	--	--------------------------------	-----	---------------	---------------	--

35.236.132.26/wp-admin/setup-config.php?step=1



Below you should enter your database connection details. If you're not sure about these, contact your host.

Database Name

db-nikhil

The name of the database you want to use with WordPress.

Username

root

Your database username.

Password

12345

Your database password.

Database Host

34.72.195.99

You should be able to get this info from your web host, if localhost doesn't work.

Table Prefix

wp\_

If you want to run multiple WordPress installations in a single database, change this.

Submit