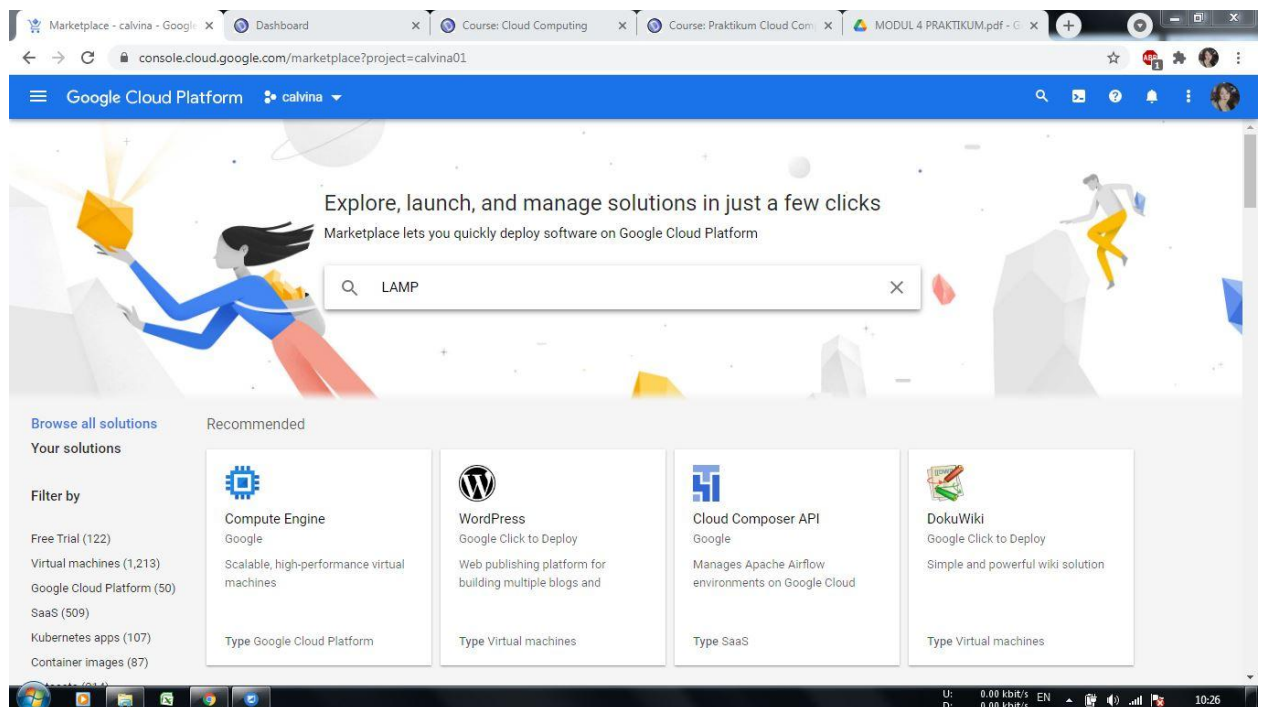
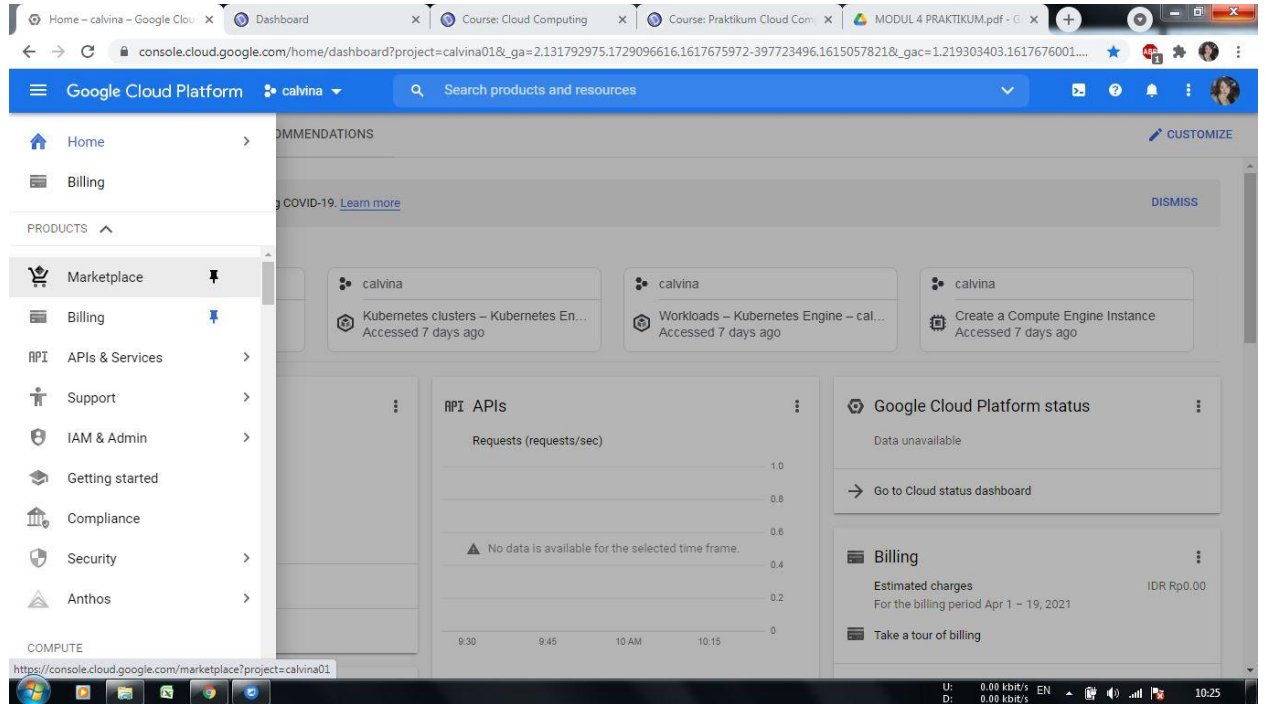


LATIHAN PRAKTIKUM CLOUD COMPUTING PERTEMUAN KE-6

A. LATIHAN 1



Marketplace – calvina – Google x Dashboard x Course: Cloud Computing x Course: Praktikum Cloud Com x MODUL 4 PRAKTIKUM.pdf - G x +

console.cloud.google.com/marketplace/browse?q=LAMP&project=calvina01

Google Cloud Platform calvina

Marketplace

Filter by

TYPE

Google Cloud Platform (1)

Virtual machines (38)

39 results

CATEGORY

Advertising (1)

Blog & CMS (10)

Compute (4)

CRM (4)

Databases (9)

Developer stacks (20)

Developer tools (17)

Financial services (1)

Operating systems (2)

Security (1)

Social (7)

Other (6)

LAMP on CentOS 7

Cognosys Inc. - Virtual machines

Hardened LAMP on CentOS 7

LAMP on Ubuntu 16.04 LTS

Cognosys Inc. - Virtual machines

Hardened LAMP on Ubuntu 16.04 LTS

Lamp With RedHat 8

Cognosys Inc. - Virtual machines

https://console.cloud.google.com/marketplace/product/cognosys-public/secured-lamp-on-ubuntu-16-04-lts?project=calvina01

U: 0.00 kbit/s EN 10:26

LAMP on Ubuntu 16.04 LTS – x Dashboard x Course: Cloud Computing x Course: Praktikum Cloud Com x MODUL 4 PRAKTIKUM.pdf - G x +

console.cloud.google.com/marketplace/product/cognosys-public/secured-lamp-on-ubuntu-16-04-lts?project=calvina01

Google Cloud Platform calvina

LAMP on Ubuntu 16.04 LTS

Cognosys Inc.

Hardened LAMP on Ubuntu 16.04 LTS

LAUNCH VIEW PAST DEPLOYMENTS

OVERVIEW PRICING DOCUMENTATION SUPPORT

Overview

A LAMP Linux, Apache, MySQL, PHP stack is a common web stack used for hosting web content. The LAMP stack is an open source web platform that can be used to run dynamic web sites and servers. LAMP on cloud includes Linux, Apache, MySQL and PHP and is considered by many the platform of choice for development and deployment of high-performance web applications which require a solid and reliable foundation.

Enterprises planning to deploy LAMP for production on GCP can use this specially hardened image of LAMP on Ubuntu 16.04 LTS and save on large

Additional details

Runs on: Google Compute Engine

Type: [Virtual machines](#), Single VM

Last updated: 4/20/21

Category: [CRM](#), [Social](#)

Version: 2.0.4

Operating System: Ubuntu 16.04

U: 0.00 kbit/s EN 10:27

Google Cloud Platform console showing the configuration for a new LAMP on Ubuntu 16.04 LTS deployment. The deployment name is "secured-lamp-on-ubuntu-16-04-lts-1". The zone is "asia-east1-b". The machine type is "2 vCPUs" with "7.5 GB memory". The boot disk is "Standard Persistent Disk" with a size of "127 GB". The network interface is "default default (10.140.0.0/20)".

LAMP on Ubuntu 16.04 LTS overview
Solution provided by Cognosys Inc.

\$135.53 per month estimated
Effective hourly rate \$0.186 (730 hours per month)

Details

Software
Operating System: Ubuntu (16.04)

Terms of Service
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Google Cloud Platform console showing the configuration for a new LAMP on Ubuntu 16.04 LTS deployment. The deployment name is "secured-lamp-on-ubuntu-16-04-lts-1". The zone is "asia-east1-b". The machine type is "2 vCPUs" with "7.5 GB memory". The boot disk is "Standard Persistent Disk" with a size of "127 GB". The network interface is "default default (10.140.0.0/20)".

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 TCP port 22 traffic from the Internet
Source IP ranges for TCP port 22 traffic
0.0.0.0, 192.169.0.2/24

☒ Allow HTTP traffic from the Internet
Source IP ranges for HTTP traffic
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, 192.169.0.2/24

[More](#)

☒ I accept the GCP Marketplace Terms of Service and Cognosys Inc. Terms of Service.

Deploy

secured-lamp-on-ubuntu-16-04-its-1 Dashboard Course: Cloud Computing Course: Praktikum Cloud Com MODUL 4 PRAKTIKUM.pdf G console.cloud.google.com/dm/deployments/details/secured-lamp-on-ubuntu-16-04-its-1?project=calvina01

Google Cloud Platform calvina Search products and resources

Deployment Manager secured-lamp-on-ubuntu-16-04-its-1 DELETE secured-lamp-on-ubuntu-16-04-its

Deployments Type registry

secured-lamp-on-ubuntu-16-04-its-1 has been deployed

Overview - secured-lamp-on-ubuntu-16-04-its-1

- secured-lamp-on-ubuntu-16-04-its-1 secured-lamp-on-ubuntu-16-04-its-jinja
- secured-lamp-on-ubuntu-16-04-its-1-vm-tmpl vm_instance.py
 - secured-lamp-on-ubuntu-16-04-its-1-vm vm instance
- generated-password-0 password.py
- secured-lamp-on-ubuntu-16-04-its-1-tcp-22 firewall
- secured-lamp-on-ubuntu-16-04-its-1-tcp-80 firewall
- secured-lamp-on-ubuntu-16-04-its-1-tcp-443 firewall

LAMP on Ubuntu 16.04 LTS
Solution provided by Cognosys Inc.

Site address <http://35.201.181.0:80/>

MySQL root user root

MySQL root password (Temporary) SG1u8HafZ-os

Instance [secured-lamp-on-ubuntu-16-04-its-1-vm](#)

Instance zone asia-east1-b

Instance machine type n1-standard-2

MORE ABOUT THE SOFTWARE

Get started with LAMP on Ubuntu 16.04 LTS

VISIT THE SITE SSH

Suggested next steps

- Next Steps To Connect
Connecting to Instance: [Detailed Instructions for Connecting to the Instance](#)
- Change the temporary password
For additional security, it is recommended that you change the password.
- Assign a static external IP address to your VM instance

secured-lamp-on-ubun Dashboard Course: Cloud Comput Course: Praktikum Clou MODUL 4 PRAKTIKUM Apache2 Ubuntu Defa Not secure | 35.201.181.0

ubuntu

Apache2 Ubuntu Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/  
|-- apache2.conf  
|   |-- ports.conf  
|-- mods-enabled  
|   |-- *.load  
|   |-- *.conf  
|-- conf-enabled  
|   |-- *.conf  
|-- sites-enabled  
|   |-- *.conf
```

B. LATIHAN 2

New Project

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

Project name *
Kharisma

Project ID: kharisma. It cannot be changed later. [EDIT](#)

Location *
No organization [BROWSE](#)

Parent organization or folder

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

cloudphp-master.zip

Home - Kharisma - Google Cloud

console.cloud.google.com/home/dashboard?project=kharisma&folder=

Google Cloud Platform

Home

Billing

PRODUCTS

SERVERLESS

Cloud Run

Cloud Functions

App Engine

STORAGE

Filestore

Cloud Storage

Data Transfer

DATABASES

Dashboard

Services

Versions

Instances

Task queues

Cron jobs

Security scans

Firewall rules

Quotas

Memcache

Search

Settings

API APIs

Requests (requests/sec)

Google Cloud Platform status

Data unavailable

Go to Cloud status dashboard

Billing

Estimated charges

For the billing period Apr 1 - 19, 2021

IDR Rp0.00

Take a tour of billing

Try App Engine now - Kharisma x Course: Cloud Computing x Course: Praktikum Cloud Com x MODUL 4 PRAKTIKUM.pdf - G x calvinawuysan/CloudPHP x

console.cloud.google.com/appengine/start?folder&project=kharisma

Google Cloud Platform Kharisma Search products and resources

App Engine Activate Cloud Shell

Welcome to App Engine
Build scalable apps in any language on Google's infrastructure

Create Application

Hello World
New to App Engine? Start with a simple 'Hello World' app to learn the essentials.
Time: 10 minutes
START TUTORIAL

Deploy via command line
With the Google Cloud SDK, you can use the CLI to easily create and deploy your app.
\$ gcloud app deploy
DOWNLOAD THE SDK

Recommended for you
App Engine Quickstart
Deploy a sample application to App Engine using the gcloud command.
App Engine overview
Overview of the components of an application: services, versions, instances, application requests, and limits.
Choosing an App Engine environment
Run applications in App Engine using the standard or flexible environment.
Structuring web services in App Engine
Understand how to structure the services and related resources of your App Engine app.
Installing an SDK for App Engine
Set up your computer for developing, deploying, and managing your apps in App Engine.
Not seeing what you need? Give feedback

cloudphp-master.zip

U: 0.00 kbit/s EN D: 0.00 kbit/s 10:42

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console.cloud.google.com/appengine/start?folder&project=kharisma&cloudshell=true

Google Cloud Platform Kharisma Search products and resources

App Engine

Welcome to App Engine
Build scalable apps in any language on Google's infrastructure

Hello World
New to App Engine? Start with a simple 'Hello World' app to learn the essentials.
Time: 10 minutes
START TUTORIAL

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Set up your computer for developing, deploying, and managing your apps in App Engine.
Not seeing what you need? Give feedback

CLOUD SHELL Terminal (kharisma) x +

Open Editor

```
Welcome to Cloud Shell! Type "help" to get started.
Your Cloud Platform project in this session is set to kharisma.
Use "gcloud config set project [PROJECT_ID]" to change to a different project.
vinac2625@cloudshell:~ (kharisma) $ ls
README-cloudshell.txt
vinac2625@cloudshell:~ (kharisma) $ git clone https://github.com/calvinawuysan/CloudPHP
Cloning into 'CloudPHP'...
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 10 (delta 0), reused 10 (delta 0), pack-reused 0
Unpacking objects: 100% (10/10), done.
vinac2625@cloudshell:~ (kharisma) $
```

cloudphp-master.zip

U: 0.00 kbit/s EN D: 0.00 kbit/s 10:43

Try App Engine now - Kharisma x Course: Cloud Computing x Course: Praktikum Cloud Com x MODUL 4 PRAKTIKUM.pdf - G x calvinawuysan/CloudPHP x

console.cloud.google.com/appengine/start?folder&project=kharisma&cloudshell=true

Google Cloud Platform Kharisma Search products and resources

App Engine

Cloud Shell Terminal (kharisma) x +

```
Cloning into 'CloudPHP'...
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 10 (delta 0), reused 10 (delta 0), pack-reused 0
Unpacking objects: 100% (10/10), done.
vinac2625@cloudshell:~ (kharisma) $ ls
CloudPHP README-cloudshell.txt
vinac2625@cloudshell:~ (kharisma) $ cd CloudPHP
vinac2625@cloudshell:~/CloudPHP (kharisma) $ cat index.php
<?php

echo "hello kakak ahyar ganteng kan ?? ";
vinac2625@cloudshell:~/CloudPHP (kharisma) $ cat app.yaml
# Use the PHP 7.3 runtime (BETA) by replacing "php72" below with "php73"
runtime: php72

# Defaults to "serve index.php" and "serve public/index.php". Can be used to
# serve a custom PHP front controller (e.g. "serve backend/index.php") or to
# run a long-running PHP script as a worker process (e.g. "php worker.php").
#
# Entrypoint: serve index.php
vinac2625@cloudshell:~/CloudPHP (kharisma) $
```

cloudphp-master.zip

Recommended for you

- App Engine Quickstart
- App Engine overview
- Choosing an App Engine environment
- Structuring web services in App Engine
- Installing an SDK for App Engine

U: 0.00 kb/s EN D: 0.00 kb/s 10:45

Try App Engine now - Kharisma x Course: Cloud Computing x Course: Praktikum Cloud Com x MODUL 4 PRAKTIKUM.pdf - G x calvinawuysan/CloudPHP x

console.cloud.google.com/appengine/start?folder&project=kharisma&cloudshell=true

Google Cloud Platform Kharisma Search products and resources

App Engine

Cloud Shell Terminal (kharisma) x +

```
Unpacking objects: 100% (10/10), done.
vinac2625@cloudshell:~ (kharisma) $ ls
CloudPHP README-cloudshell.txt
vinac2625@cloudshell:~ (kharisma) $ cd CloudPHP
vinac2625@cloudshell:~/CloudPHP (kharisma) $ cat index.php
<?php

echo "hello kakak ahyar ganteng kan ?? ";
vinac2625@cloudshell:~/CloudPHP (kharisma) $ cat app.yaml
# Use the PHP 7.3 runtime (BETA) by replacing "php72" below with "php73"
runtime: php72

# Defaults to "serve index.php" and "serve public/index.php". Can be used to
# serve a custom PHP front controller (e.g. "serve backend/index.php") or to
# run a long-running PHP script as a worker process (e.g. "php worker.php").
#
# Entrypoint: serve index.php
vinac2625@cloudshell:~/CloudPHP (kharisma) $ php -S localhost:8080
PHP 7.2.34-18+0-20210223.60+debian10-1.gbp21322 Development Server started at Tue Apr 20 02:46:38 2021
Listening on http://localhost:8080
Document root is /home/vinac2625/CloudPHP
Press Ctrl-C to quit.
```

cloudphp-master.zip

Preview on port 8080

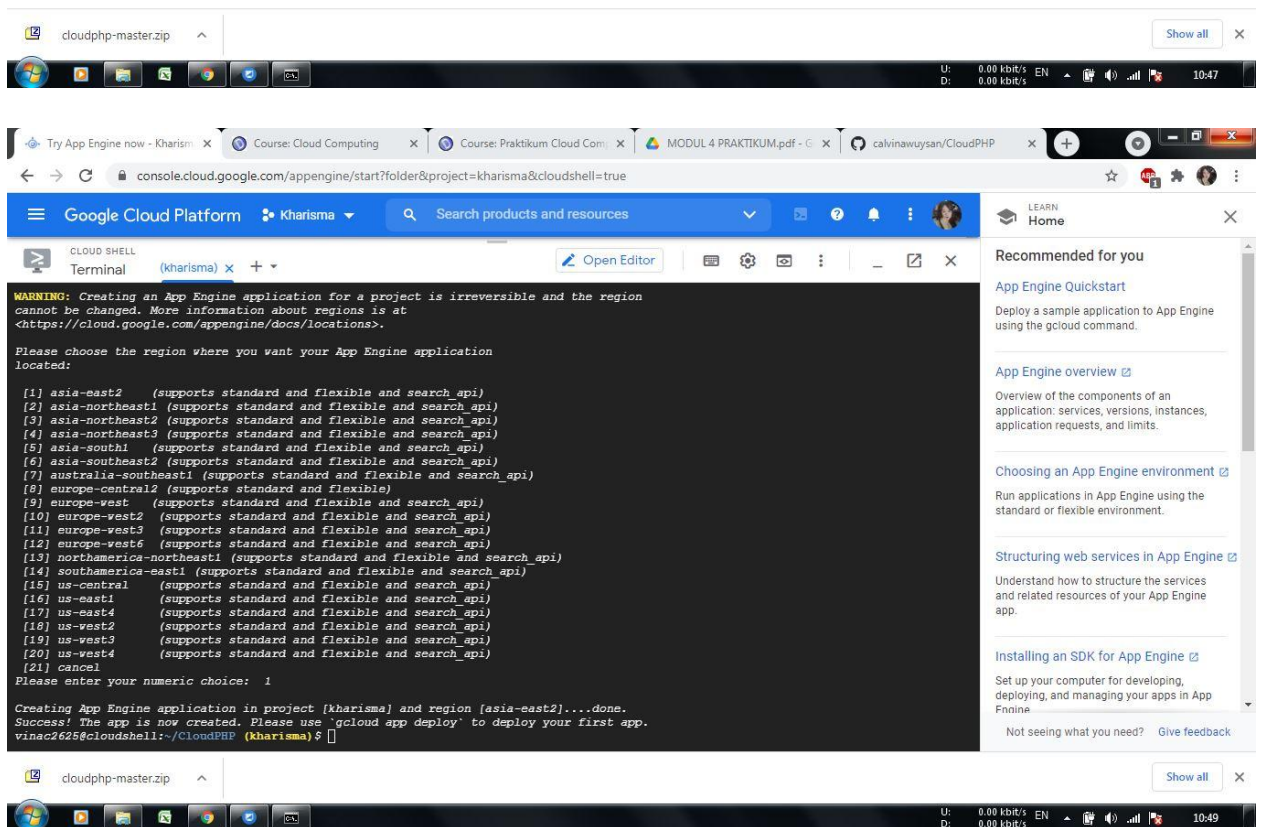
Change port

About web preview

Recommended for you

- App Engine Quickstart
- App Engine overview
- Choosing an App Engine environment
- Structuring web services in App Engine
- Installing an SDK for App Engine

U: 0.00 kb/s EN D: 0.00 kb/s 10:47



Try App Engine now - Kharisma x Course: Cloud Computing x Course: Praktikum Cloud Com x MODUL 4 PRAKTIKUM.pdf - G x calvinawuysan/CloudPHP x

console.cloud.google.com/appengine/start?folder&project=kharisma&cloudshell=true

Google Cloud Platform Kharisma Search products and resources

CLOUD SHELL Terminal (kharisma) + - Open Editor

```
[13] northamerica-northeast1 (supports standard and flexible and search_api)
[14] southamerica-east1 (supports standard and flexible and search_api)
[15] us-central1 (supports standard and flexible and search_api)
[16] us-east1 (supports standard and flexible and search_api)
[17] us-east4 (supports standard and flexible and search_api)
[18] us-west2 (supports standard and flexible and search_api)
[19] us-west3 (supports standard and flexible and search_api)
[20] us-west4 (supports standard and flexible and search_api)
[21] cancel
Please enter your numeric choice: 1

Creating App Engine application in project [kharisma] and region [asia-east2]....done.
Success! The app is now created. Please use 'gcloud app deploy' to deploy your first app.
vinac2625@cloudshell:~/CloudPHP (kharisma)$ gcloud app deploy
Services to deploy:

descriptor: [/home/vinac2625/CloudPHP/app.yaml]
source: [/home/vinac2625/CloudPHP]
target project: [kharisma]
target service: [default]
target version: [20210420t025014]
target url: [https://kharisma.df.r.appspot.com]

Do you want to continue (Y/n)? y
Beginning deployment of service [default]...
Created .gcloudignore file. See 'gcloud topic gcloudignore' for details.
Uploading 8 files to Google Cloud Storage
File upload done.
Updating service [default]...
```

Recommended for you

- [App Engine Quickstart](#)
Deploy a sample application to App Engine using the gcloud command.
- [App Engine overview](#)
Overview of the components of an application: services, versions, instances, application requests, and limits.
- [Choosing an App Engine environment](#)
Run applications in App Engine using the standard or flexible environment.
- [Structuring web services in App Engine](#)
Understand how to structure the services and related resources of your App Engine app.
- [Installing an SDK for App Engine](#)
Set up your computer for developing, deploying, and managing your apps in App Engine.

cloudphp-master.zip Show all

U: 0.00 kb/s EN D: 0.00 kb/s 10:51

Try App Engine now - Kharisma x Course: Cloud Computing x Course: Praktikum Cloud Computing x MODUL 4 PRAKTIKUM x calvinawuysan/CloudPHP x https://kharisma.df.r.appspot.com

kharisma.df.r.appspot.com

hello kakak ahya ganteng kan ??

cloudphp-master.zip Show all

U: 0.00 kb/s EN D: 0.00 kb/s 10:55