Download desktop docker from https://www.docker.com/products/docker-desktop/

For windows system, it only supports win10 pro or enterprise.

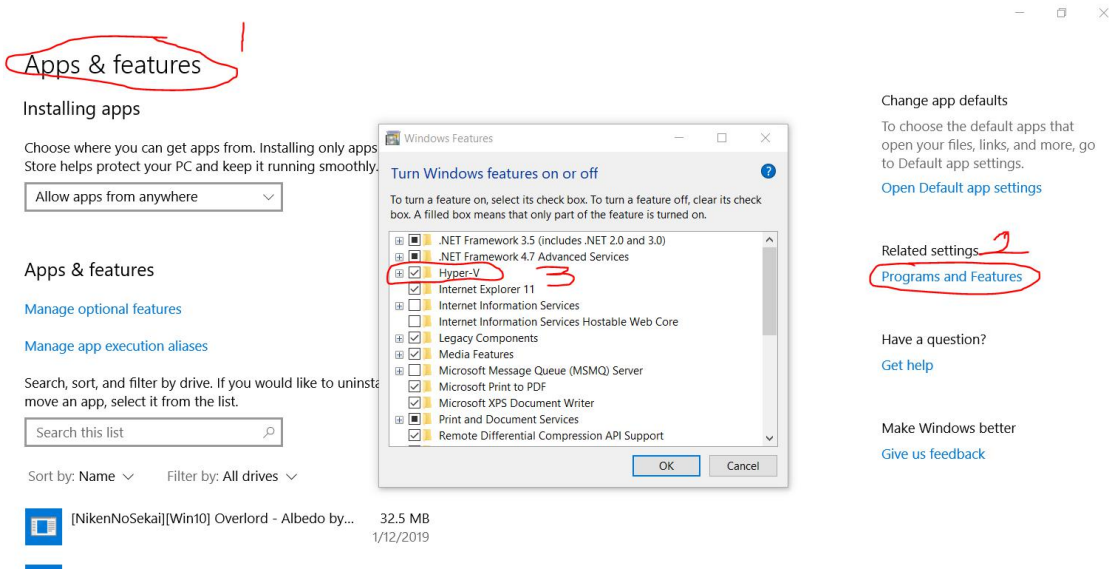
For win10 Home, there a trick way to install it.

-- create a file named as **hyperv.cmd**, copy followed code:

```
pushd "%~dp0"

dir /b %SystemRoot%\servicing\Packages\*Hyper-V*.mum >hyper-v.txt

for /f %%i in ('findstr /i . hyper-v.txt 2^>nul') do dism /online /norestart /add-package:"%SystemRoot%\servicing\Packages\%%i"

del hyper-v.txt

Dism /online /enable-feature /featurename:Microsoft-Hyper-V-All /LimitAccess /ALL
```

--run as administrator

--after installing, it calls restart then restart, then will find



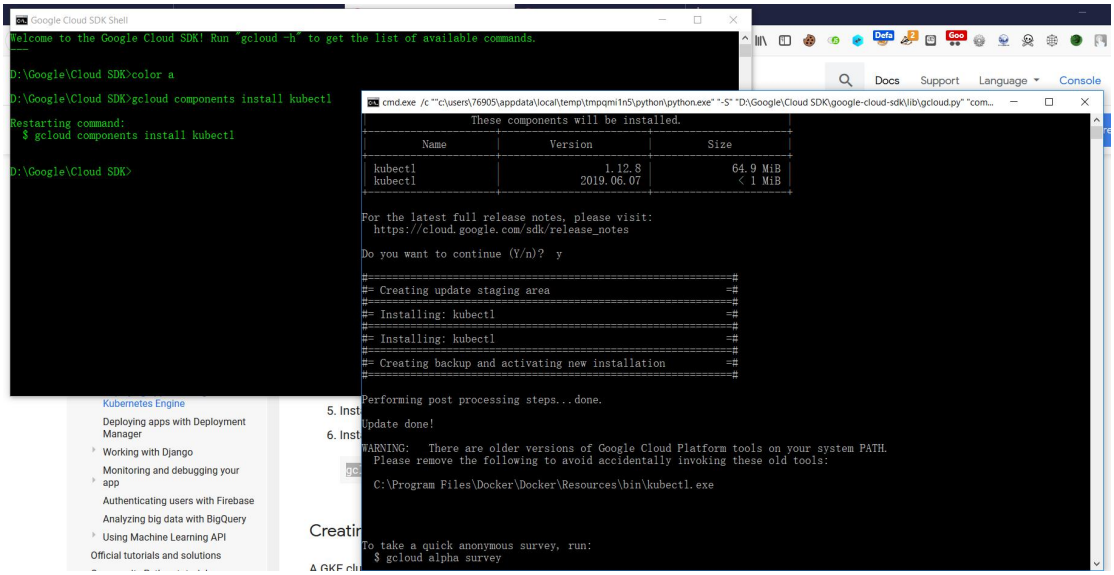
--then open cmd as administrator, run following code:

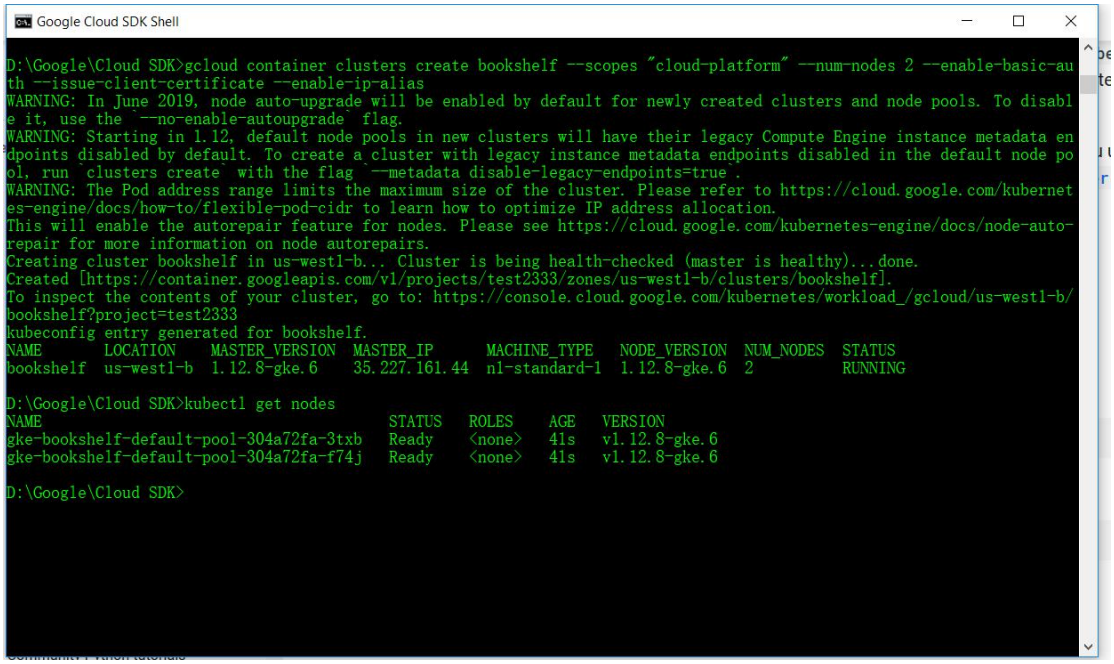
```
REG ADD "HKEY_LOCAL_MACHINE\software\Microsoft\Windows NT\CurrentVersion" /v EditionId /T REG_EXPAND_SZ /d Professional /F
```

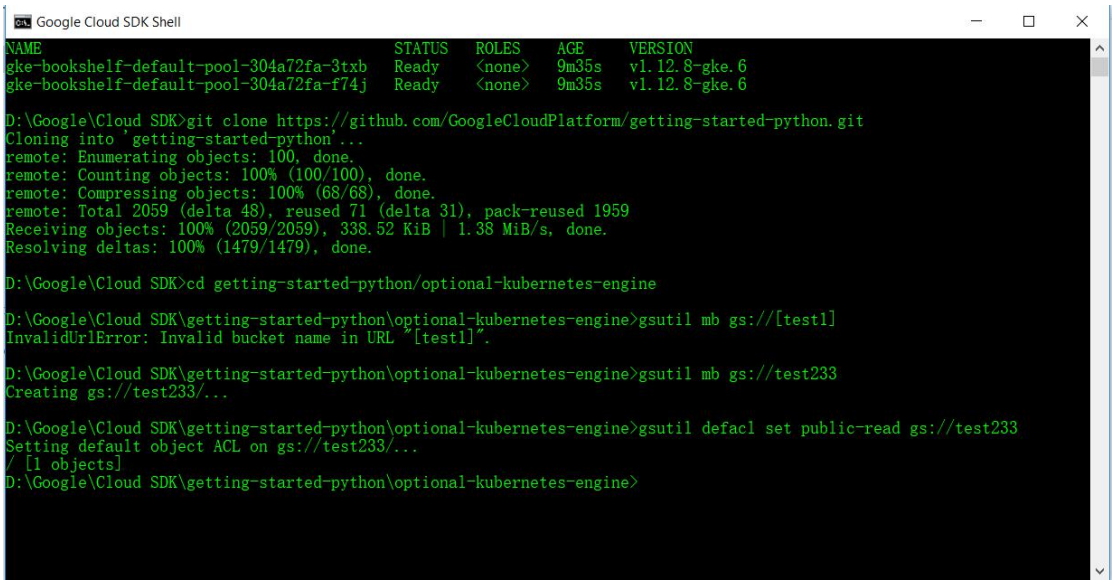
--finally, we can install desktop docker on win10 HOME.

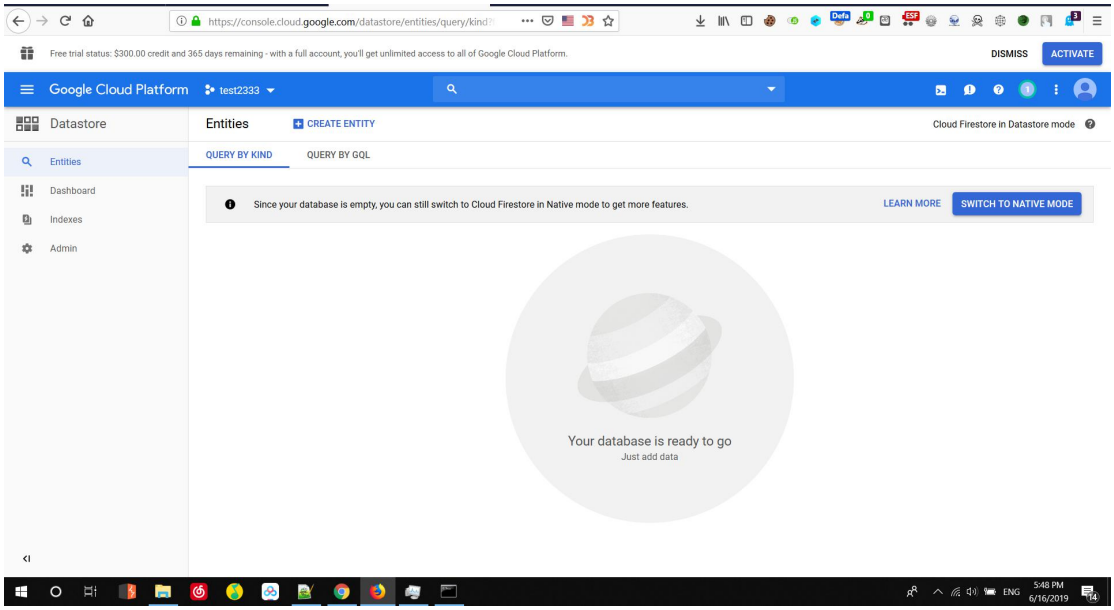
Note: After starting Hyper-V, it will conflict with VM-ware.

(turn off Hyper-V: *"bcdedit /set hypervisorlaunchtype off"*, and also turn off at windows features)

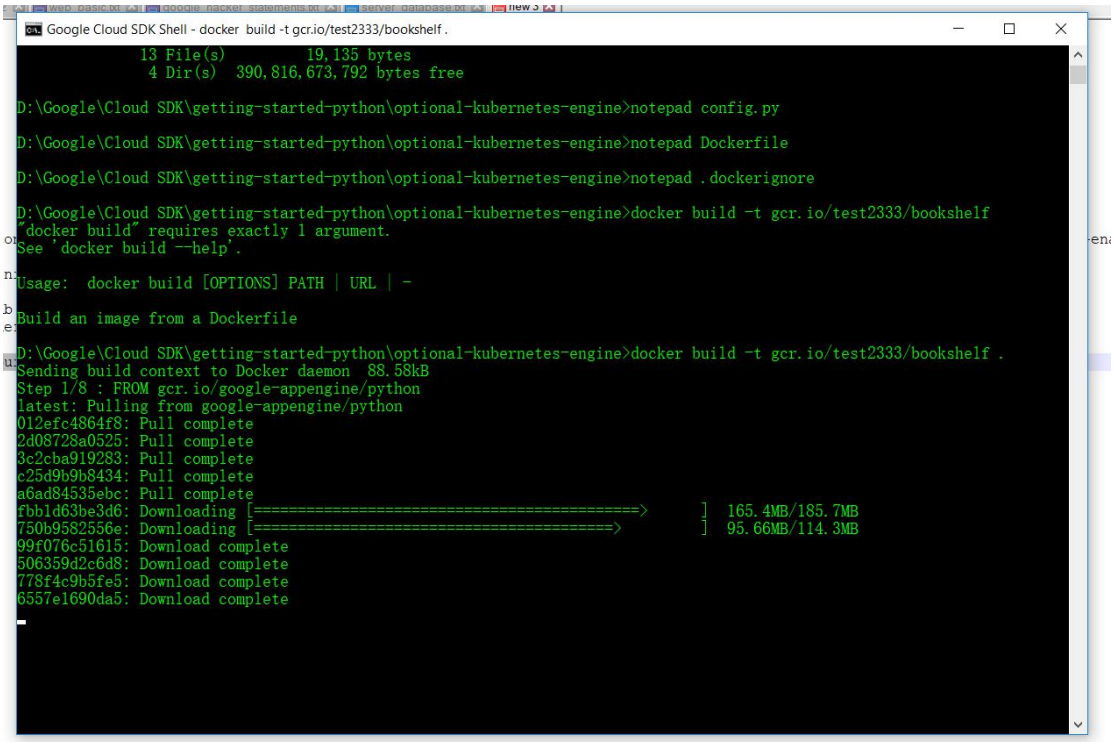

Google Cloud SDK Shell
Welcome to the Google Cloud SDK! Run "gcloud -h" to get the list of available commands.
D:\Google\Cloud SDK>color a
D:\Google\Cloud SDK>gcloud components install kubectl
Restarting command:
$ gcloud components install kubectl
D:\Google\Cloud SDK>
cmd.exe /c ""c:\users\76905\appdata\local\temp\tmpqmi1n5\python\python.exe" "-S" "D:\Google\Cloud SDK\google-cloud-sdk\lib\gcloud.py" "com...
These components will be installed.
Name
Version
Size
kubectl
1.12.8
64.9 MiB
kubectl
2019.06.07
< 1 MiB
For the latest full release notes, please visit:
https://cloud.google.com/sdk/release_notes
Do you want to continue (Y/n)? y
Creating update staging area
Installing: kubectl
Installing: kubectl
Creating backup and activating new installation
Performing post processing steps...done.
Update done!
WARNING: There are older versions of Google Cloud Platform tools on your system PATH.
Please remove the following to avoid accidentally invoking these old tools:
C:\Program Files\Docker\Docker\Resources\bin\kubectl.exe
To take a quick anonymous survey, run:
$ gcloud alpha survey
Docs
Support
Language
Console
Kubernetes Engine
Deploying apps with Deployment Manager
Working with Django
Monitoring and debugging your app
Authenticating users with Firebase
Analyzing big data with BigQuery
Using Machine Learning API
Official tutorials and solutions

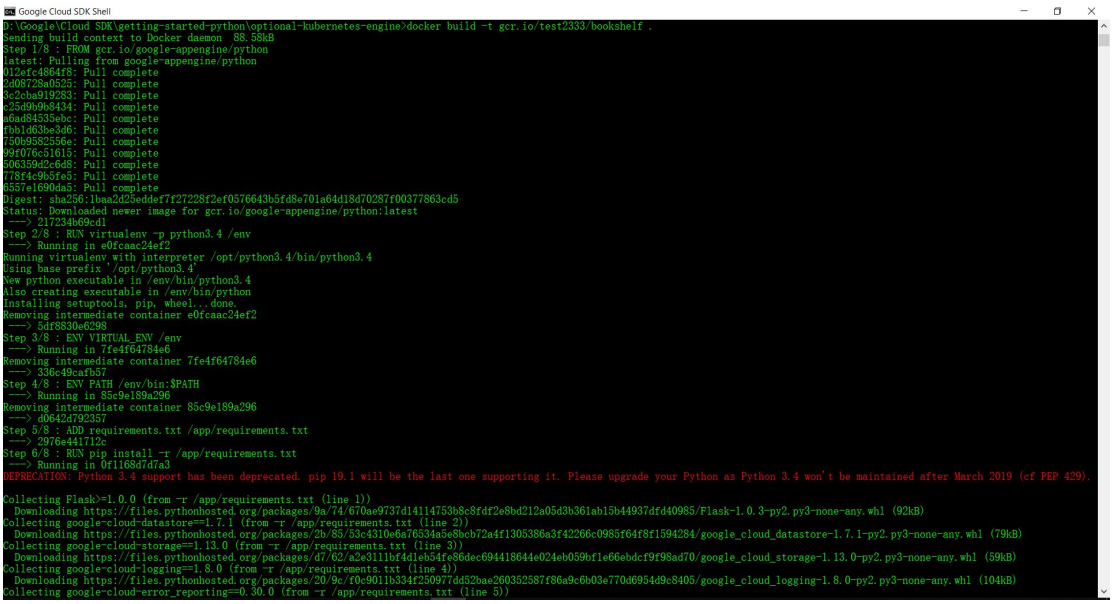

Google Cloud SDK Shell
D:\Google\Cloud SDK>gcloud container clusters create bookshelf --scopes "cloud-platform" --num-nodes 2 --enable-basic-auth --issue-client-certificate --enable-ip-alias
WARNING: In June 2019, node auto-upgrade will be enabled by default for newly created clusters and node pools. To disable it, use the `--no-enable-autoupgrade` flag.
WARNING: Starting in 1.12, default node pools in new clusters will have their legacy Compute Engine instance metadata endpoints disabled by default. To create a cluster with legacy instance metadata endpoints disabled in the default node pool, run `clusters create` with the flag `--metadata disable-legacy-endpoints=true`.
WARNING: The Pod address range limits the maximum size of the cluster. Please refer to https://cloud.google.com/kubernetes-engine/docs/how-to/flexible-pod-cidr to learn how to optimize IP address allocation.
This will enable the autorepair feature for nodes. Please see https://cloud.google.com/kubernetes-engine/docs/node-auto-repair for more information on node autorepairs.
Creating cluster bookshelf in us-west1-b... Cluster is being health-checked (master is healthy)...done.
Created [https://container.googleapis.com/v1/projects/test2333/zones/us-west1-b/clusters/bookshelf].
To inspect the contents of your cluster, go to: https://console.cloud.google.com/kubernetes/workload_/gcloud/us-west1-b/bookshelf?project=test2333
kubeconfig entry generated for bookshelf.
NAME LOCATION MASTER_VERSION MASTER_IP MACHINE_TYPE NODE_VERSION NUM_NODES STATUS
bookshelf us-west1-b 1.12.8-gke.6 35.227.161.44 n1-standard-1 1.12.8-gke.6 2 RUNNING
D:\Google\Cloud SDK>kubectl get nodes
NAME STATUS ROLES AGE VERSION
gke-bookshelf-default-pool-304a72fa-3txb Ready <none> 41s v1.12.8-gke.6
gke-bookshelf-default-pool-304a72fa-f74j Ready <none> 41s v1.12.8-gke.6
D:\Google\Cloud SDK>


Google Cloud SDK Shell
NAME STATUS ROLES AGE VERSION
gke-bookshelf-default-pool-304a72fa-3txb Ready <none> 9m35s v1.12.8-gke.6
gke-bookshelf-default-pool-304a72fa-f74j Ready <none> 9m35s v1.12.8-gke.6
D:\Google\Cloud SDK>git clone https://github.com/GoogleCloudPlatform/getting-started-python.git
Cloning into 'getting-started-python'...
remote: Enumerating objects: 100, done.
remote: Counting objects: 100% (100/100), done.
remote: Compressing objects: 100% (68/68), done.
remote: Total 2059 (delta 48), reused 71 (delta 31), pack-reused 1959
Receiving objects: 100% (2059/2059), 338.52 KiB | 1.38 MiB/s, done.
Resolving deltas: 100% (1479/1479), done.
D:\Google\Cloud SDK>cd getting-started-python/optional-kubernetes-engine
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>gsutil mb gs://[test1]
InvalidUrlError: Invalid bucket name in URL "[test1]".
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>gsutil mb gs://test233
Creating gs://test233/...
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>gsutil defacl set public-read gs://test233
Setting default object ACL on gs://test233/...
/ [1 objects]
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>

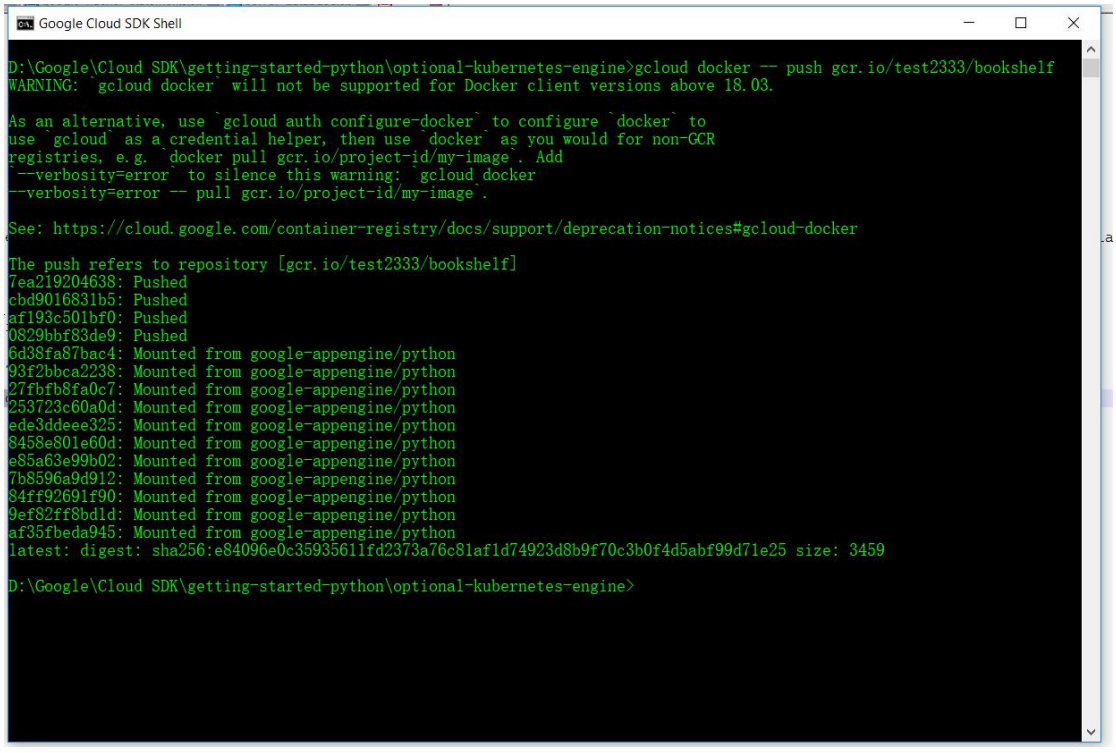



```
import os

# The secret key is used by Flask to encrypt session cookies.
SECRET_KEY = 'secret'

# There are three different ways to store the data in the application.
# You can choose 'datastore', 'cloudsql', or 'mongodb'. Be sure to
# configure the respective settings for the one you choose below.
# You do not have to configure the other data backends. If unsure, choose
# 'datastore' as it does not require any additional configuration.
DATA_BACKEND = 'datastore'

# Google Cloud Project ID. This can be found on the 'Overview' page at
# https://console.developers.google.com
PROJECT_ID = 'test2333'

# CloudSQL & SQLAlchemy configuration
# Replace the following values the respective values of your Cloud SQL
# instance.
# bucket:
#
#   $ gsutil mb gs://<test233>
#
# You also need to make sure that the default ACL is set to public-read,
# otherwise users will not be able to see their upload images:
#
#   $ gsutil defacl set public-read gs://<test233>
#
# You can adjust the max content length and allow extensions settings to allow
# larger or more varied file types if desired.
CLOUD_STORAGE_BUCKET = 'test233'
MAX_CONTENT_LENGTH = 8 * 1024 * 1024
ALLOWED_EXTENSIONS = set(['png', 'jpg', 'jpeg', 'gif'])

# OAuth2 configuration.
# This can be generated from the Google Developers Console at
# https://console.developers.google.com/project/_/apiui/credential.
```

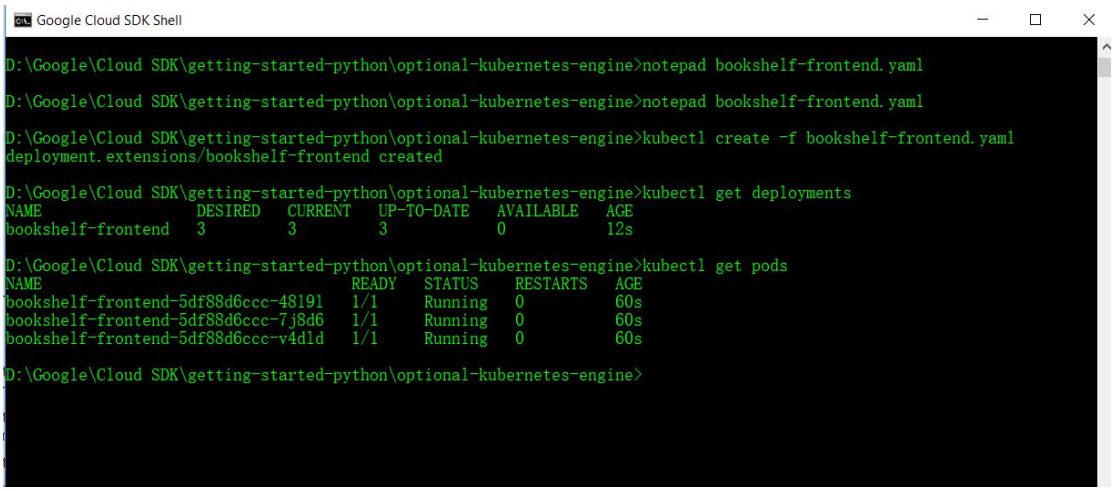

Google Cloud SDK Shell - docker build -t gcr.io/test2333/bookshelf .
13 File(s) 19,135 bytes
4 Dir(s) 390,816,673,792 bytes free
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>notepad config.py
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>notepad Dockerfile
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>notepad .dockerignore
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>docker build -t gcr.io/test2333/bookshelf
"docker build" requires exactly 1 argument.
See 'docker build --help'.
Usage: docker build [OPTIONS] PATH | URL | -
Build an image from a Dockerfile
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>docker build -t gcr.io/test2333/bookshelf .
Sending build context to Docker daemon 88.58kB
Step 1/8 : FROM gcr.io/google-appengine/python
latest: Pulling from google-appengine/python
012efc4864f8: Pull complete
2d08728a0525: Pull complete
3c2cba919283: Pull complete
c25d9b9b8434: Pull complete
a6ad84535ebc: Pull complete
fbb1d63be3d6: Downloading [==========>] 165.4MB/185.7MB
750b9582556e: Downloading [==========>] 95.66MB/114.3MB
99f076c51615: Download complete
506359d2c6d8: Download complete
778f4c9b5fe5: Download complete
6557e1690da5: Download complete

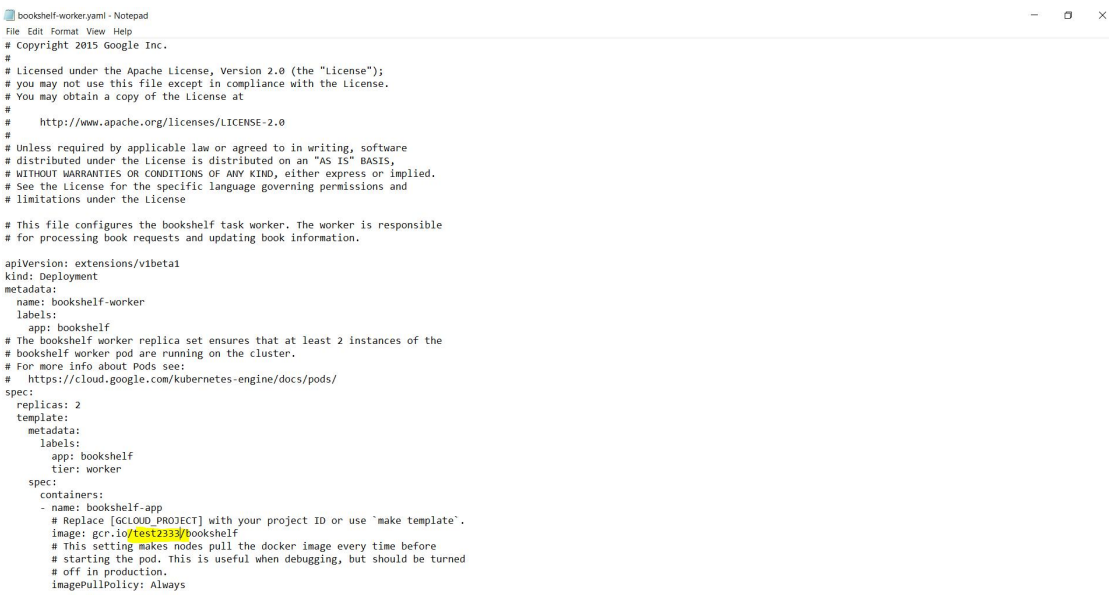

Google Cloud SDK Shell
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>docker build -t gcr.io/test2333/bookshelf .
Sending build context to Docker daemon 88.58kB
Step 1/8 : FROM gcr.io/google-appengine/python
latest: Pulling from google-appengine/python
012efc4864f8: Pull complete
2d08728a0525: Pull complete
3c2cba919283: Pull complete
c25d9b9b8434: Pull complete
a6ad84535ebc: Pull complete
fbb1d63be3d6: Pull complete
750b9582556e: Pull complete
99f076c51615: Pull complete
506359d2c6d8: Pull complete
778f4c9b5fe5: Pull complete
6557e1690da5: Pull complete
Digest: sha256:1baa2d25eddef7f27228f2ef0576643b5fd8e701a64d18d70287f00377863cd5
Status: Downloaded newer image for gcr.io/google-appengine/python:latest
---> 217234b69cd1
Step 2/8 : RUN virtualenv -p python3.4 /env
---> Running in e0fcaac24ef2
Running virtualenv with interpreter /opt/python3.4/bin/python3.4
Using base prefix '/opt/python3.4'
New python executable in /env/bin/python3.4
Also creating executable in /env/bin/python
Installing setuptools, pip, wheel...done.
Removing intermediate container e0fcaac24ef2
---> 5df8830e6298
Step 3/8 : ENV VIRTUAL_ENV /env
---> Running in 7fe4f64784e6
Removing intermediate container 7fe4f64784e6
---> 336c49cafb57
Step 4/8 : ENV PATH /env/bin:$PATH
---> Running in 85c9e189a296
Removing intermediate container 85c9e189a296
---> d0642d702357
Step 5/8 : ADD requirements.txt /app/requirements.txt
---> 2976e441712c
Step 6/8 : RUN pip install -r /app/requirements.txt
---> Running in 0f1168d7d7a3
DEPRECATION: Python 3.4 support has been deprecated. pip 19.1 will be the last one supporting it. Please upgrade your Python as Python 3.4 won't be maintained after March 2019 (cf PEP 429).
Collecting Flask>=1.0.0 (from -r /app/requirements.txt (line 1))
Downloading https://files.pythonhosted.org/packages/9a/74/670ae9737d14114753b8c8fdf2e8bd212a05d3b361ab15b44937dfd40985/Flask-1.0.3-py2.py3-none-any.whl (92kB)
Collecting google-cloud-datastore==1.7.1 (from -r /app/requirements.txt (line 2))
Downloading https://files.pythonhosted.org/packages/2b/85/53c4310e6a76534a8e8bcb72a4f1305386a3f42266c0985f64f8f1594284/google_cloud_datastore-1.7.1-py2.py3-none-any.whl (79kB)
Collecting google-cloud-storage==1.13.0 (from -r /app/requirements.txt (line 3))
Downloading https://files.pythonhosted.org/packages/d7/62/a2e0111bf4d1eb54fe86dec694418644e024eb059bf1e66ebdcf9f98ad70/google_cloud_storage-1.13.0-py2.py3-none-any.whl (59kB)
Collecting google-cloud-logging==1.8.0 (from -r /app/requirements.txt (line 4))
Downloading https://files.pythonhosted.org/packages/20/9c/f0c9011b334f250977dd52bae260352587f86a9c6b03e770d6954d9c8405/google_cloud_logging-1.8.0-py2.py3-none-any.whl (104kB)
Collecting google-cloud-error_reporting==0.30.0 (from -r /app/requirements.txt (line 5))


Google Cloud SDK Shell
Downloading https://files.pythonhosted.org/packages/65/35/4fbcd94b5ce5lbf809e91c175b35398360c9fb9a4lbf954d4fe3c4c82bec/protobuf-3.8.0-cp34-cp34m-manylinux1_x86_64.whl (1.2MB)
Collecting grpcio<2.0dev,>=1.8.2; extra == 'grpc' (from google-api-core[grpc]<2.0.0dev,>=1.0.0->google-cloud-datastore==1.7.1->-r /app/requirements.txt (line 2))
Downloading https://files.pythonhosted.org/packages/5c/ae/91fc21a6d4e5392b9c35c2c1c709abd094dc8ff1b0599e6812cfcd6ca24d/grpcio-1.21.1-cp34-cp34m-manylinux1_x86_64.whl (2.2MB)
Collecting cffi!=1.11.3,>=1.8 (from cryptography->PyMySQL==0.9.2->-r /app/requirements.txt (line 10))
Downloading https://files.pythonhosted.org/packages/d5/a1/7e366f126fcd72cbc39a96166fa2b39d52808a233c73bf6405714277a852/cffi-1.12.3-cp34-cp34m-manylinux1_x86_64.whl (429kB)
Collecting asnlcrypto>=0.21.0 (from cryptography->PyMySQL==0.9.2->-r /app/requirements.txt (line 10))
Downloading https://files.pythonhosted.org/packages/ea/cd/35485615f45f30a510576f1a56d1e0a7ad7bd8ab5ed7cdc600ef7cd06222/asnlcrypto-0.24.0-py2.py3-none-any.whl (101kB)
Collecting grpc-google-iam-v1<0.12dev,>=0.11.4 (from google-cloud-pubsub>=0.35.2->psq==0.7.0->-r /app/requirements.txt (line 16))
Downloading https://files.pythonhosted.org/packages/9b/28/f26f67381cb23e81271b8d66c00a846ad9d25a909aa1ae1df8222fad2744/grpc-google-iam-v1-0.11.4.tar.gz
Collecting cachetools>=2.0.0 (from google-auth<2.0dev,>=0.4.0->google-api-core[grpc]<2.0.0dev,>=1.0.0->google-cloud-datastore==1.7.1->-r /app/requirements.txt (line 2))
Downloading https://files.pythonhosted.org/packages/2f/a6/30b0a0bef12283e83e58c1d6e7b5aabc7acfc4110df81a4471655d33e704/cachetools-3.1.1-py2.py3-none-any.whl
Collecting pycparser (from cffi!=1.11.3,>=1.8->cryptography->PyMySQL==0.9.2->-r /app/requirements.txt (line 10))
Downloading https://files.pythonhosted.org/packages/68/9e/49196946aee219aead1290e00d1e7fdeab8567783e83e1b9ab5585e6206a/pycparser-2.19.tar.gz (158kB)
Building wheels for collected packages: SQLAlchemy, googleapis-common-protos, grpc-google-iam-v1, pycparser
Building wheel for SQLAlchemy (setup.py): started
Building wheel for SQLAlchemy (setup.py): finished with status 'done'
Stored in directory: /root/.cache/pip/wheels/cc/b2/b8/54b71f2c27738fc6f9d1b68b6cf653c28a5fa0a9846d02be32
Building wheel for googleapis-common-protos (setup.py): started
Building wheel for googleapis-common-protos (setup.py): finished with status 'done'
Stored in directory: /root/.cache/pip/wheels/9e/3d/a2/1bec8bb7db80ab3216dbc33092b7ccd0debfb8ba42b5668d5
Building wheel for grpc-google-iam-v1 (setup.py): started
Building wheel for grpc-google-iam-v1 (setup.py): finished with status 'done'
Stored in directory: /root/.cache/pip/wheels/b6/c6/31/c20321a5a3fde456fc375b7c2814135e6e98bc0d74c40239d9
Building wheel for pycparser (setup.py): started
Building wheel for pycparser (setup.py): finished with status 'done'
Stored in directory: /root/.cache/pip/wheels/f2/9a/90/de94f8556265ddc9d9c8b271b0f63e57b26fb1d67a45564511
Successfully built SQLAlchemy googleapis-common-protos grpc-google-iam-v1 pycparser
Installing collected packages: Werkzeug, itsdangerous, MarkupSafe, Jinja2, click, Flask, six, protobuf, googleapis-common-protos, chardet, idna, urllib3, certifi, pycparser, cffi, asnlcrypto, cryptography, pyOpenSSL, requests, pyasn1, rsa, cachetools, pyasn1-modules, google-auth, pytz, grpcio, google-api-core, google-cloud-core, google-cloud-datastore, google-resumable-media, google-cloud-storage, google-cloud-logging, google-cloud-error-reporting, gunicorn, httplib2, oauth2client, pbr, mock, SQLAlchemy, Flask-SQLAlchemy, PyMySQL, PyMongo, Flask-PyMongo, honcho, grpc-google-iam-v1, google-cloud-pubsub, colorlog, psq
Successfully installed Flask-1.0.3 Flask-PyMongo-2.3.0 Flask-SQLAlchemy-2.3.2 Jinja2-2.10.1 MarkupSafe-1.1.1 PyMongo-3.7.2 PyMySQL-0.9.2 SQLAlchemy-1.3.4 Werkzeug-0.15.4 asnlcrypto-0.24.0 cachetools-3.1.1 certifi-2019.6.16 cffi-1.12.3 chardet-3.0.4 click-7.0 colorlog-2.10.0 cryptography-2.7 google-api-core-1.11.1 google-auth-1.6.3 google-cloud-core-0.28.1 google-cloud-datastore-1.7.1 google-cloud-error-reporting-0.30.0 google-cloud-logging-1.8.0 google-cloud-pubsub-0.41.0 google-cloud-storage-1.13.0 google-resumable-media-0.3.2 googleapis-common-protos-1.6.0 grpc-google-iam-v1-0.11.4 grpcio-1.21.1 gunicorn-19.9.0 honcho-1.0.1 httplib2-0.13.0 idna-2.7 itsdangerous-1.1.0 mock-2.0.0 oauth2client-4.1.3 pbr-5.3.0 protobuf-3.8.0 psq-0.7.0 pyOpenSSL-19.0.0 pyasn1-0.4.5 pyasn1-modules-0.2.5 pycparser-2.19 pytz-2019.1 requests-2.20.1 rsa-4.0 six-1.11.0 urllib3-1.24.3
Removing intermediate container 0f1168d7d7a3
---> f69cd68ff6a1
Step 7/8 : ADD . /app
---> 4388d2e0154e
Step 8/8 : CMD honcho start -f /app/procfile $PROCESSES
---> Running in 19c467ed1228
Removing intermediate container 19c467ed1228
---> 630aad92017c
Successfully built 630aad92017c
Successfully tagged gcr.io/test2333/bookshelf:latest
SECURITY WARNING: You are building a Docker image from Windows against a non-Windows Docker host. All files and directories added to build context will have '-rwxr-xr-x' permissions. It is recommended to double check and reset permissions for sensitive files and directories.
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>


Google Cloud SDK Shell
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>gcloud docker -- push gcr.io/test2333/bookshelf
WARNING: `gcloud docker` will not be supported for Docker client versions above 18.03.
As an alternative, use `gcloud auth configure-docker` to configure `docker` to
use `gcloud` as a credential helper, then use `docker` as you would for non-GCR
registries, e.g. `docker pull gcr.io/project-id/my-image`. Add
`--verbosity=error` to silence this warning: `gcloud docker
--verbosity=error -- pull gcr.io/project-id/my-image`.
See: https://cloud.google.com/container-registry/docs/support/deprecation-notices#gcloud-docker
The push refers to repository [gcr.io/test2333/bookshelf]
7ea219204638: Pushed
cbd9016831b5: Pushed
af193c501bf0: Pushed
0829bbf83de9: Pushed
6d38fa87bac4: Mounted from google-appengine/python
93f2bbca2238: Mounted from google-appengine/python
27fbfb8fa0c7: Mounted from google-appengine/python
253723c60a0d: Mounted from google-appengine/python
ede3ddeee325: Mounted from google-appengine/python
8458e801e60d: Mounted from google-appengine/python
e85a63e99b02: Mounted from google-appengine/python
7b8596a9d912: Mounted from google-appengine/python
84ff92691f90: Mounted from google-appengine/python
9ef82ff8bd1d: Mounted from google-appengine/python
af35fbeda945: Mounted from google-appengine/python
latest: digest: sha256:e84096e0c35935611fd2373a76c81af1d74923d8b9f70c3b0f4d5abf99d71e25 size: 3459
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>

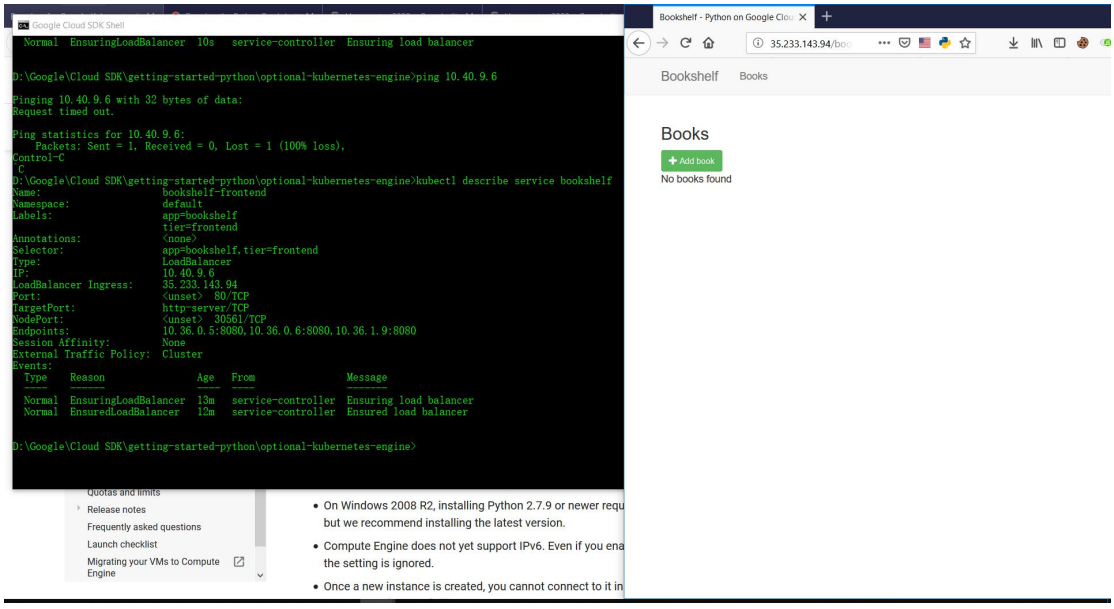
```
apiVersion: extensions/v1beta1
kind: Deployment
metadata:
  name: bookshelf-frontend
  labels:
    app: bookshelf
# The bookshelf frontend replica set ensures that at least 3
# instances of the bookshelf app are running on the cluster.
# For more info about Pods see:
#   https://cloud.google.com/kubernetes-engine/docs/pods/
spec:
  replicas: 3
  template:
    metadata:
      labels:
        app: bookshelf
        tier: frontend
    spec:
      containers:
      - name: bookshelf-app
        # Replace [GCLOUD_PROJECT] with your project ID or use `make template`.
        image: gcr.io/test2333/bookshelf
        # This setting makes nodes pull the docker image every time before
        # starting the pod. This is useful when debugging, but should be turned
        # off in production.
        imagePullPolicy: Always
```

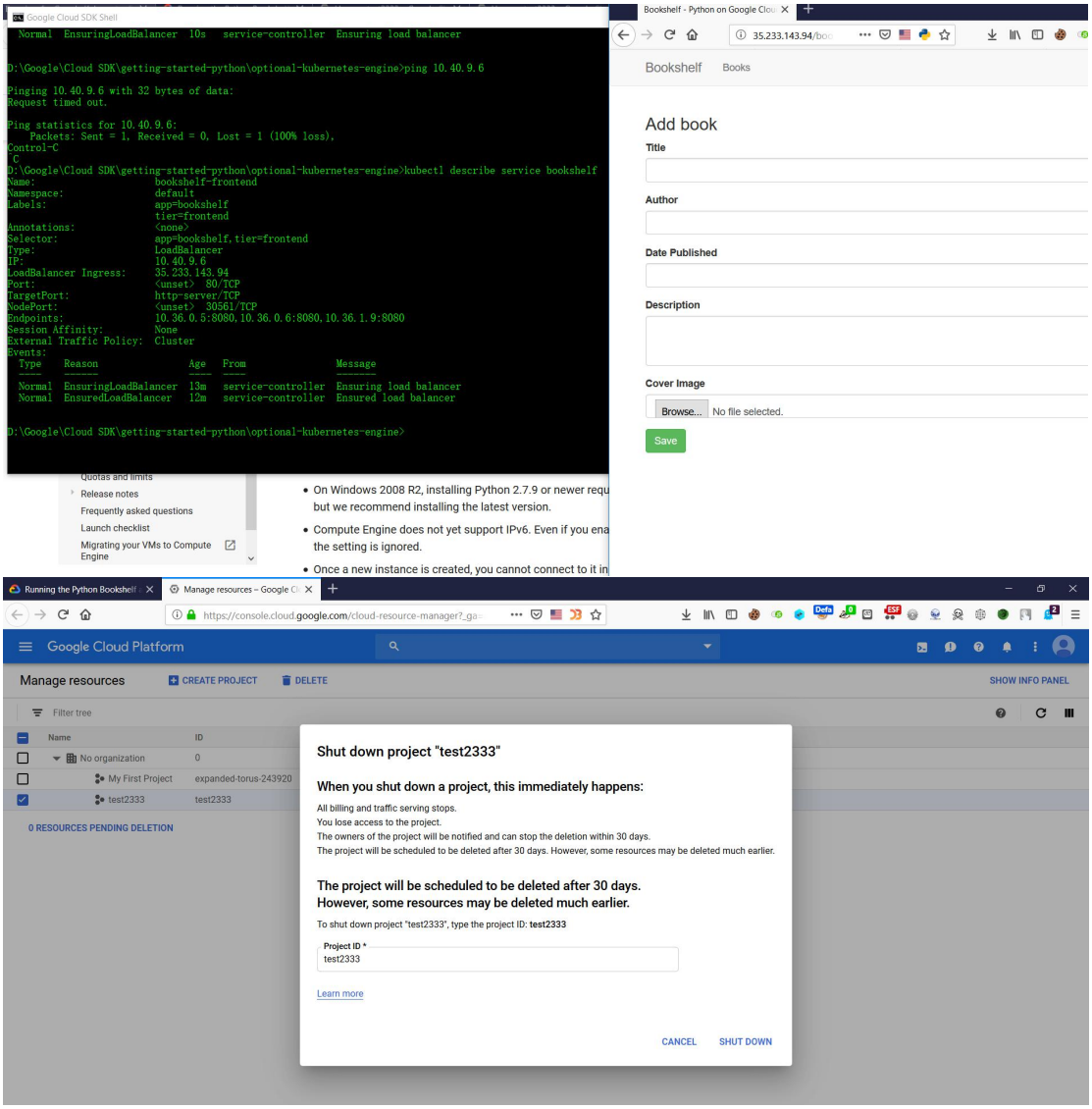




```
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>notepad bookshelf-worker.yaml

D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>kubectl create -f bookshelf-worker.yaml
deployment.extensions/bookshelf-worker created

D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>kubectl get pods
NAME                                  READY   STATUS    RESTARTS   AGE
bookshelf-frontend-5df88d6ccc-48191   1/1     Running   0          2m48s
bookshelf-frontend-5df88d6ccc-7j8d6   1/1     Running   0          2m48s
bookshelf-frontend-5df88d6ccc-v4dld   1/1     Running   0          2m48s
bookshelf-worker-5f8476d5d9-bdl7c     1/1     Running   0          10s
bookshelf-worker-5f8476d5d9-tvjz2     1/1     Running   0          10s

D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>
```

```
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>kubectl create -f bookshelf-service.yaml
service/bookshelf-frontend created

D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>kubectl describe service bookshelf
Name:                     bookshelf-frontend
Namespace:                default
Labels:                   app=bookshelf
                          tier=frontend
Annotations:              <none>
Selector:                 app=bookshelf,tier=frontend
Type:                     LoadBalancer
IP:                       10.40.9.6
Port:                     <unset>  80/TCP
TargetPort:               http-server/TCP
NodePort:                 <unset>  30561/TCP
Endpoints:                10.36.0.5:8080,10.36.0.6:8080,10.36.1.9:8080
Session Affinity:         None
External Traffic Policy:  Cluster
Events:
  Type    Reason                Age   From                Message
  ----    ------                ----  ----                -------
  Normal  EnsuringLoadBalancer  10s   service-controller  Ensuring load balancer
```




Google Cloud SDK Shell
Normal EnsuringLoadBalancer 10s service-controller Ensuring load balancer
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>ping 10.40.9.6
Pinging 10.40.9.6 with 32 bytes of data:
Request timed out.
Ping statistics for 10.40.9.6:
Packets: Sent = 1, Received = 0, Lost = 1 (100% loss),
Control-C
^C
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>kubectl describe service bookshelf
Name: bookshelf-frontend
Namespace: default
Labels: app=bookshelf
tier=frontend
Annotations: <none>
Selector: app=bookshelf,tier=frontend
Type: LoadBalancer
IP: 10.40.9.6
LoadBalancer Ingress: 35.233.143.94
Port: <unset> 80/TCP
TargetPort: http-server/TCP
NodePort: <unset> 30561/TCP
Endpoints: 10.36.0.5:8080,10.36.0.6:8080,10.36.1.9:8080
Session Affinity: None
External Traffic Policy: Cluster
Events:
Type Reason Age From Message
Normal EnsuringLoadBalancer 13m service-controller Ensuring load balancer
Normal EnsuredLoadBalancer 12m service-controller Ensured load balancer
D:\Google\Cloud SDK\getting-started-python\optional-kubernetes-engine>
Bookshelf - Python on Google Clou
35.233.143.94/boo
Bookshelf
Books
Add book
Title
Author
Date Published
Description
Cover Image
Browse...
No file selected.
Save
Quotas and limits
Release notes
Frequently asked questions
Launch checklist
Migrating your VMs to Compute Engine
On Windows 2008 R2, installing Python 2.7.9 or newer requ
but we recommend installing the latest version.
Compute Engine does not yet support IPv6. Even if you ena
the setting is ignored.
Once a new instance is created, you cannot connect to it in
Running the Python Bookshelf
Manage resources – Google Cl
https://console.cloud.google.com/cloud-resource-manager?_ga=
Google Cloud Platform
Manage resources
CREATE PROJECT
DELETE
SHOW INFO PANEL
Filter tree
Name
ID
No organization
0
My First Project
expanded-torus-243920
test2333
test2333
0 RESOURCES PENDING DELETION
Shut down project "test2333"
When you shut down a project, this immediately happens:
All billing and traffic serving stops.
You lose access to the project.
The owners of the project will be notified and can stop the deletion within 30 days.
The project will be scheduled to be deleted after 30 days. However, some resources may be deleted much earlier.
The project will be scheduled to be deleted after 30 days.
However, some resources may be deleted much earlier.
To shut down project "test2333", type the project ID: test2333
Project ID *
test2333
Learn more
CANCEL
SHUT DOWN