

login as: root
Authenticating with public key "root"

```
• MobaXterm Personal Edition v21.3 •  
(SSH client, X server and network tools)  
  
→ SSH session to root@34.134.253.187  
• Direct SSH      : v  
• SSH compression : v  
• SSH-browser     : v  
• X11-forwarding  : v (remote display is forwarded through SSH)  
  
→ For more info, ctrl+click on help or visit our website.
```

Welcome to Ubuntu 16.04.7 LTS (GNU/Linux 4.15.0-1098-gcp x86_64)

```
* Documentation: https://help.ubuntu.com  
* Management:   https://landscape.canonical.com  
* Support:      https://ubuntu.com/advantage
```

UA Infra: Extended Security Maintenance (ESM) is not enabled.

0 updates can be applied immediately.

45 additional security updates can be applied with UA Infra: ESM
Learn more about enabling UA Infra: ESM service for Ubuntu 16.04 at
<https://ubuntu.com/16-04>

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

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

```
/usr/bin/xauth: file /root/.Xauthority does not exist  
root@amitubuntu1804-test:~# echo "deb [signed-by=/usr/share/keyrings/cloud.google.gpg]  
https://packages.cloud.google.com/apt cloud-sdk main" | sudo tee -a  
/etc/apt/sources.list.d/google-cloud-sdk.list  
deb [signed-by=/usr/share/keyrings/cloud.google.gpg]  
https://packages.cloud.google.com/apt cloud-sdk main  
root@amitubuntu1804-test:~# sudo apt-get install apt-transport-https ca-certificates  
gnupg -y -q  
Reading package lists...  
Building dependency tree...  
Reading state information...  
apt-transport-https is already the newest version (1.2.35).  
ca-certificates is already the newest version (20210119~16.04.1).  
gnupg is already the newest version (1.4.20-1ubuntu3.3).  
The following package was automatically installed and is no longer required:  
  grub-pc-bin  
Use 'sudo apt autoremove' to remove it.
```

```

0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@amitubuntu1804-test:~# curl https://packages.cloud.google.com/apt/doc/apt-key.gpg
| sudo apt-key --keyring /usr/share/keyrings/cloud.google.gpg add -
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload  Total   Spent    Left   Speed
100 2537  100 2537    0     0  34901      0 --:--:-- --:--:-- --:--:-- 35236
OK
root@amitubuntu1804-test:~# sudo apt-get update -y && sudo apt-get install make
google-cloud-sdk -y
Hit:1 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial InRelease
Get:2 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-updates InRelease [109
kB]
Get:3 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-backports InRelease [107
kB]
Get:4 http://security.ubuntu.com/ubuntu xenial-security InRelease [109 kB]
Get:5 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial/universe amd64 Packages
[7,532 kB]
Get:6 https://packages.cloud.google.com/apt cloud-sdk InRelease [6,739 B]
Get:7 http://archive.canonical.com/ubuntu xenial InRelease [11.5 kB]
Get:8 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial/universe Translation-en
[4,354 kB]
Get:9 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial/multiverse amd64 Packages
[144 kB]
Get:10 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial/multiverse
Translation-en [106 kB]
Get:11 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-updates/universe amd64
Packages [1,219 kB]
Get:12 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-updates/universe
Translation-en [358 kB]
Get:13 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-updates/multiverse
amd64 Packages [22.6 kB]
Get:14 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-updates/multiverse
Translation-en [8,476 B]
Get:15 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-backports/main amd64
Packages [9,812 B]
Get:16 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-backports/main
Translation-en [4,456 B]
Get:17 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-backports/universe
amd64 Packages [11.3 kB]
Get:18 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-backports/universe
Translation-en [4,476 B]
Get:19 https://packages.cloud.google.com/apt cloud-sdk/main amd64 Packages [191 kB]
Get:20 http://security.ubuntu.com/ubuntu xenial-security/universe amd64 Packages [785
kB]
Get:21 http://security.ubuntu.com/ubuntu xenial-security/universe Translation-en [225
kB]
Get:22 http://security.ubuntu.com/ubuntu xenial-security/multiverse amd64 Packages
[7,864 B]
Get:23 http://security.ubuntu.com/ubuntu xenial-security/multiverse Translation-en
[2,672 B]
Get:24 http://archive.canonical.com/ubuntu xenial/partner amd64 Packages [2,696 B]
Get:25 https://esm.ubuntu.com/infra/ubuntu xenial-infra-security InRelease [7,509 B]
Get:26 http://archive.canonical.com/ubuntu xenial/partner Translation-en [1,556 B]
Get:27 https://esm.ubuntu.com/infra/ubuntu xenial-infra-updates InRelease [7,475 B]
Get:28 https://esm.ubuntu.com/infra/ubuntu xenial-infra-security/main amd64 Packages

```

```
[202 kB]
Fetched 15.6 MB in 2s (5,794 kB/s)
Reading package lists... Done
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following package was automatically installed and is no longer required:
  grub-pc-bin
Use 'sudo apt autoremove' to remove it.
Suggested packages:
  google-cloud-sdk-app-engine-java google-cloud-sdk-app-engine-python
  google-cloud-sdk-pubsub-emulator google-cloud-sdk-bigtable-emulator
  google-cloud-sdk-datastore-emulator kubectl make-doc
The following NEW packages will be installed:
  make
The following packages will be upgraded:
  google-cloud-sdk
1 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 75.9 MB of archives.
After this operation, 107 MB of additional disk space will be used.
Get:1 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial/main amd64 make amd64
4.1-6 [151 kB]
Get:2 https://packages.cloud.google.com/apt cloud-sdk/main amd64 google-cloud-sdk all
360.0.0-0 [75.8 MB]
Fetched 75.9 MB in 1s (65.8 MB/s)
(Reading database ... 85146 files and directories currently installed.)
Preparing to unpack .../google-cloud-sdk_360.0.0-0_all.deb ...
Unpacking google-cloud-sdk (360.0.0-0) over (335.0.0-0ubuntu1~16.04.1) ...
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/third_party/grpc_dummy': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/api_lib/lux': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/api_lib/container/memberships':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/apis/iamassist/v1alpha3':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/apis/iamassist/v1alpha2':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/apis/iamassist': Directory
not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/apis/luxadmin/v1alpha1':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/apis/luxadmin': Directory
not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/apis/dataproc/v1beta2':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/apis/iam/v2alpha1':
```

Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/apis/clouddeploy/v1alpha1':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/gapic_apis/logging/v2':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/gapic_apis/logging':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/gapic_apis': Directory not
empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/logging_v2/proto':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/logging_v2/gapic/transport
s': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/logging_v2/gapic':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/third_party/logging_v2': Directory not
empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/command_lib/lux': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/command_lib/container/memberships':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/googlecloudsdk/command_lib/iam/workload_identity_pools
': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/tools/regen_apis': Directory not empty
dpkg: warning: unable to delete old directory '/usr/lib/google-cloud-sdk/lib/tools':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/surface/lux/clusters': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/surface/lux': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/surface/container/hub/service_mesh': Directory not
empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/surface/network_services/endpoint_config_selectors':
Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/surface/vmware/ipaddresses': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/surface/edge_container/sites/machines': Directory not
empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/lib/surface/edge_container/sites': Directory not empty
dpkg: warning: unable to delete old directory

```
'/usr/lib/google-cloud-sdk/platform/gsutil/gslib/vendored/oauth2client/samples/django
/django_user/polls': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/platform/gsutil/gslib/vendored/oauth2client/samples/django
/django_user/myoauth': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/platform/gsutil/gslib/vendored/oauth2client/samples/django
/django_user': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/platform/gsutil/gslib/vendored/oauth2client/samples/django
/google_user/polls': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/platform/gsutil/gslib/vendored/oauth2client/samples/django
/google_user/myoauth': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/platform/gsutil/gslib/vendored/oauth2client/samples/django
/google_user': Directory not empty
dpkg: warning: unable to delete old directory
'/usr/lib/google-cloud-sdk/platform/gsutil/gslib/vendored/oauth2client/samples/django
': Directory not empty
Selecting previously unselected package make.
Preparing to unpack .../archives/make_4.1-6_amd64.deb ...
Unpacking make (4.1-6) ...
Processing triggers for man-db (2.7.5-1) ...
Setting up google-cloud-sdk (360.0.0-0) ...
Setting up make (4.1-6) ...
root@amitubuntu1804-test:~# gcloud init
Welcome! This command will take you through the configuration of gcloud.
```

Your current configuration has been set to: [default]

You can skip diagnostics next time by using the following flag:
gcloud init --skip-diagnostics

Network diagnostic detects and fixes local network connection issues.
Checking network connection...done.
Reachability Check passed.
Network diagnostic passed (1/1 checks passed).

Choose the account you would like to use to perform operations for
this configuration:

```
[1] 538803277248-compute@developer.gserviceaccount.com
[2] Log in with a new account
Please enter your numeric choice: 2
```

You are running on a Google Compute Engine virtual machine.
It is recommended that you use service accounts for authentication.

You can run:

```
$ gcloud config set account `ACCOUNT`
```

to switch accounts if necessary.

Your credentials may be visible to others with access to this virtual machine. Are you sure you want to authenticate with your personal account?

Do you want to continue (Y/n)? y

Go to the following link in your browser:

https://accounts.google.com/o/oauth2/auth?response_type=code&client_id=32555940559.apps.googleusercontent.com&redirect_uri=urn%3Aietf%3Awg%3Aoauth%3A2.0%3Aaob&scope=openid+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fuserinfo.email+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcloud-platform+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcompute+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Faccounts.reauth&state=NQcPD9JInkOXf31MW8QDOTiqId7fTH&code_challenge=xtp5Vq_3-pQgQkKFSk4va_7bRwFkCVKjH7mJLDxkavw&access_type=offline&code_challenge_method=S256&prompt=consent

Enter verification code: ^C

Command killed by keyboard interrupt

```
root@amitubuntu1804-test:~# gcloud init
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- [1] 538803277248-compute@developer.gserviceaccount.com
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to switch accounts if necessary.

Your credentials may be visible to others with access to this virtual machine. Are you sure you want to authenticate with your personal account?

Do you want to continue (Y/n)? y

Go to the following link in your browser:

https://accounts.google.com/o/oauth2/auth?response_type=code&client_id=32555940559.apps.googleusercontent.com&redirect_uri=urn%3Aietf%3Awww%3Aoauth%3A2.0%3Aoob&scope=openid+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fuserinfo.email+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcloud-platform+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcompute+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Faccounts.reauth&state=hyczc0ylS9pG7SQxnBsi2Fg21y86FB&code_challenge=r2W0euhwguMy_n1GMj_T410eoMMYTMAAlyUrJ0PJxY&prompt=consent&access_type=offline&code_challenge_method=S256

Enter verification code:

4/1AX4XfWgnAhPOXabPX_gJz5LPiB0ALwB-8-bZxfE1mgLPiklqYXI-dgD7Gzk

You are logged in as: [c2c-gce@click2cloud.net].

Pick cloud project to use:

- [1] click2cloud
- [2] eternal-argon-327706
- [3] festive-ray-320412
- [4] Create a new project

Please enter numeric choice or text value (must exactly match list item): 1

Your current project has been set to: [click2cloud].

Do you want to configure a default Compute Region and Zone? (Y/n)? n

Created a default .boto configuration file at [/root/.boto]. See this file and [https://cloud.google.com/storage/docs/gsutil/commands/config] for more information about configuring Google Cloud Storage.

Your Google Cloud SDK is configured and ready to use!

* Commands that require authentication will use c2c-gce@click2cloud.net by default

* Commands will reference project `click2cloud` by default

Run `gcloud help config` to learn how to change individual settings

This gcloud configuration is called [default]. You can create additional configurations if you work with multiple accounts and/or projects.

Run `gcloud topic configurations` to learn more.

Some things to try next:

* Run `gcloud --help` to see the Cloud Platform services you can interact with. And run `gcloud help COMMAND` to get help on any gcloud command.

* Run `gcloud topic --help` to learn about advanced features of the SDK like arg files and output formatting

```
root@amitubuntu1804-test:~# curl -fsSL https://download.docker.com/linux/ubuntu/gpg |  
sudo gpg --dearmor -o /usr/share/keyrings/docker-archive-keyring.gpg
```

```
root@amitubuntu1804-test:~# echo \  
> "deb [arch=amd64 signed-by=/usr/share/keyrings/docker-archive-keyring.gpg]  
https://download.docker.com/linux/ubuntu \  
"
```

```
> "deb [arch=amd64 signed-by=/usr/share/keyrings/docker-archive-keyring.gpg]  
https://download.docker.com/linux/ubuntu \  
"
```

```

> $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
root@amitubuntu1804-test:~# sudo apt-get update -y
Hit:1 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial InRelease
Hit:2 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-updates InRelease
Hit:3 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu xenial-security InRelease
Hit:5 https://packages.cloud.google.com/apt cloud-sdk InRelease
Get:6 https://download.docker.com/linux/ubuntu xenial InRelease [66.2 kB]
Hit:7 http://archive.canonical.com/ubuntu xenial InRelease
Get:8 https://download.docker.com/linux/ubuntu xenial/stable amd64 Packages [21.0 kB]
Hit:9 https://esm.ubuntu.com/infra/ubuntu xenial-infra-security InRelease
Hit:10 https://esm.ubuntu.com/infra/ubuntu xenial-infra-updates InRelease
Fetched 87.2 kB in 0s (104 kB/s)
Reading package lists... Done
root@amitubuntu1804-test:~# sudo apt-get install docker-ce docker-ce-cli containerd.io
-y
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following package was automatically installed and is no longer required:
  grub-pc-bin
Use 'sudo apt autoremove' to remove it.
The following additional packages will be installed:
  docker-ce-rootless-extras docker-scan-plugin libltdl7 pigz
Suggested packages:
  aufs-tools cgroupfs-mount | cgroup-lite
Recommended packages:
  slirp4netns
The following NEW packages will be installed:
  containerd.io docker-ce docker-ce-cli docker-ce-rootless-extras docker-scan-plugin
  libltdl7 pigz
0 upgraded, 7 newly installed, 0 to remove and 0 not upgraded.
Need to get 107 MB of archives.
After this operation, 466 MB of additional disk space will be used.
Get:1 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial/universe amd64 pigz amd64
2.3.1-2 [61.1 kB]
Get:2 http://us-central1.gce.archive.ubuntu.com/ubuntu xenial/main amd64 libltdl7 amd64
2.4.6-0.1 [38.3 kB]
Get:3 https://download.docker.com/linux/ubuntu xenial/stable amd64 containerd.io amd64
1.4.6-1 [28.0 MB]
Get:4 https://download.docker.com/linux/ubuntu xenial/stable amd64 docker-ce-cli amd64
5:20.10.7~3-0~ubuntu-xenial [41.1 MB]
Get:5 https://download.docker.com/linux/ubuntu xenial/stable amd64 docker-ce amd64
5:20.10.7~3-0~ubuntu-xenial [24.8 MB]
Get:6 https://download.docker.com/linux/ubuntu xenial/stable amd64
docker-ce-rootless-extras amd64 5:20.10.7~3-0~ubuntu-xenial [9,052 kB]
Get:7 https://download.docker.com/linux/ubuntu xenial/stable amd64 docker-scan-plugin
amd64 0.8.0~ubuntu-xenial [3,889 kB]
Fetched 107 MB in 2s (50.9 MB/s)
Selecting previously unselected package pigz.
(Reading database ... 90820 files and directories currently installed.)
Preparing to unpack .../pigz_2.3.1-2_amd64.deb ...
Unpacking pigz (2.3.1-2) ...
Selecting previously unselected package containerd.io.
Preparing to unpack .../containerd.io_1.4.6-1_amd64.deb ...

```



```

Unpacking containerd.io (1.4.6-1) ...
Selecting previously unselected package docker-ce-cli.
Preparing to unpack .../docker-ce-cli_5%3a20.10.7~3-0~ubuntu-xenial_amd64.deb ...
Unpacking docker-ce-cli (5:20.10.7~3-0~ubuntu-xenial) ...
Selecting previously unselected package docker-ce.
Preparing to unpack .../docker-ce_5%3a20.10.7~3-0~ubuntu-xenial_amd64.deb ...
Unpacking docker-ce (5:20.10.7~3-0~ubuntu-xenial) ...
Selecting previously unselected package docker-ce-rootless-extras.
Preparing to unpack
.../docker-ce-rootless-extras_5%3a20.10.7~3-0~ubuntu-xenial_amd64.deb ...
Unpacking docker-ce-rootless-extras (5:20.10.7~3-0~ubuntu-xenial) ...
Selecting previously unselected package docker-scan-plugin.
Preparing to unpack .../docker-scan-plugin_0.8.0~ubuntu-xenial_amd64.deb ...
Unpacking docker-scan-plugin (0.8.0~ubuntu-xenial) ...
Selecting previously unselected package libltdl7:amd64.
Preparing to unpack .../libltdl7_2.4.6-0.1_amd64.deb ...
Unpacking libltdl7:amd64 (2.4.6-0.1) ...
Processing triggers for man-db (2.7.5-1) ...
Processing triggers for ureadahead (0.100.0-19.1) ...
Processing triggers for systemd (229-4ubuntu21.31) ...
Processing triggers for libc-bin (2.23-0ubuntu11.3) ...
Setting up pigz (2.3.1-2) ...
Setting up containerd.io (1.4.6-1) ...
Setting up docker-ce-cli (5:20.10.7~3-0~ubuntu-xenial) ...
Setting up docker-ce (5:20.10.7~3-0~ubuntu-xenial) ...
Setting up docker-ce-rootless-extras (5:20.10.7~3-0~ubuntu-xenial) ...
Setting up docker-scan-plugin (0.8.0~ubuntu-xenial) ...
Setting up libltdl7:amd64 (2.4.6-0.1) ...
Processing triggers for ureadahead (0.100.0-19.1) ...
Processing triggers for systemd (229-4ubuntu21.31) ...
Processing triggers for libc-bin (2.23-0ubuntu11.3) ...
root@amitubuntu1804-test:~# wget
https://storage.googleapis.com/golang/go1.15.4.linux-amd64.tar.gz
--2021-10-08 08:36:57--
https://storage.googleapis.com/golang/go1.15.4.linux-amd64.tar.gz
Resolving storage.googleapis.com (storage.googleapis.com)... 108.177.120.128,
142.250.128.128, 142.251.6.128, ...
Connecting to storage.googleapis.com (storage.googleapis.com)|108.177.120.128|:443...
connected.
HTTP request sent, awaiting response... 200 OK
Length: 120906247 (115M) [application/octet-stream]
Saving to: 'go1.15.4.linux-amd64.tar.gz'

go1.15.4.linux-amd64.tar.gz
100%[=====]
==>] 115.30M   198MB/s   in 0.6s

2021-10-08 08:36:58 (198 MB/s) - 'go1.15.4.linux-amd64.tar.gz' saved
[120906247/120906247]

root@amitubuntu1804-test:~# sudo tar -C /usr/local -xzf go1.15.4.linux-amd64.tar.gz
root@amitubuntu1804-test:~# sudo echo 'export PATH=$PATH:/usr/local/go/bin' >>
$HOME/.profile
root@amitubuntu1804-test:~# sudo echo 'export GOPATH=$HOME/gopath' >> $HOME/.profile
root@amitubuntu1804-test:~# source $HOME/.profile

```

```

root@amitubuntu1804-test:~# mkdir -p $HOME/go/src/k8s.io
root@amitubuntu1804-test:~# cd $HOME/go/src/k8s.io
root@amitubuntu1804-test:~/go/src/k8s.io# git clone -b ubuntu-image-fix
https://github.com/Click2Cloud-Centaurus/arktos.git
Cloning into 'arktos'...
remote: Enumerating objects: 104527, done.
remote: Counting objects: 100% (1189/1189), done.
remote: Compressing objects: 100% (725/725), done.
remote: Total 104527 (delta 600), reused 648 (delta 447), pack-reused 103338
Receiving objects: 100% (104527/104527), 333.23 MiB | 45.68 MiB/s, done.
Resolving deltas: 100% (63237/63237), done.
Checking connectivity... done.
Checking out files: 100% (20761/20761), done.
root@amitubuntu1804-test:~/go/src/k8s.io# cd $HOME/go/src/k8s.io/arktos
root@amitubuntu1804-test:~/go/src/k8s.io/arktos# sudo make clean
+++ [1008 08:38:16] Verifying Prerequisites....
root@amitubuntu1804-test:~/go/src/k8s.io/arktos# sudo make quick-release
+++ [1008 08:38:34] Verifying Prerequisites....
+++ [1008 08:38:34] Building Docker image kube-build:build-16189865fa-5-v1.13.9-2
+++ [1008 08:40:13] Creating data container kube-build-data-16189865fa-5-v1.13.9-2
+++ [1008 08:40:31] Syncing sources to container
+++ [1008 08:40:41] Running build command...
+++ [1008 08:40:49] Building go targets for linux/amd64:
./vendor/k8s.io/code-generator/cmd/deepcopy-gen
+++ [1008 08:40:57] Building go targets for linux/amd64:
./vendor/k8s.io/code-generator/cmd/defaulter-gen
+++ [1008 08:41:04] Building go targets for linux/amd64:
./vendor/k8s.io/code-generator/cmd/conversion-gen
+++ [1008 08:41:14] Building go targets for linux/amd64:
./vendor/k8s.io/kube-openapi/cmd/openapi-gen
+++ [1008 08:41:25] Building go targets for linux/amd64:
./vendor/github.com/go-bindata/go-bindata/go-bindata
WARN: Skipping copyright check for in-container build as git repo is not available
+++ [1008 08:41:26] Building go targets for linux/amd64:
cmd/kube-proxy
cmd/kube-apiserver
cmd/kube-controller-manager
cmd/cloud-controller-manager
cmd/workload-controller-manager
cmd/kubelet
cmd/kubeadm
cmd/hyperkube
cmd/kube-scheduler
vendor/k8s.io/apiextensions-apiserver
cluster/gce/gci/mounter
WARN: Skipping copyright check for in-container build as git repo is not available
WARN: Skipping copyright check for in-container build as git repo is not available
+++ [1008 08:44:32] Building go targets for linux/amd64:
cmd/kube-proxy
cmd/kubeadm
cmd/kubelet
WARN: Skipping copyright check for in-container build as git repo is not available
WARN: Skipping copyright check for in-container build as git repo is not available
+++ [1008 08:45:17] Building go targets for linux/amd64:
cmd/kubectrl

```

WARN: Skipping copyright check for in-container build as git repo is not available
WARN: Skipping copyright check for in-container build as git repo is not available
+++ [1008 08:45:33] Building go targets for linux/amd64:
cmd/gendocs
cmd/genkubedocs
cmd/genman
cmd/genyaml
cmd/genswaggertypedocs
cmd/linkcheck
vendor/github.com/onsi/ginkgo/ginkgo
test/e2e/e2e.test
WARN: Skipping copyright check for in-container build as git repo is not available
WARN: Skipping copyright check for in-container build as git repo is not available
+++ [1008 08:47:04] Building go targets for linux/amd64:
cmd/kubemark
vendor/github.com/onsi/ginkgo/ginkgo
test/e2e_node/e2e_node.test
WARN: Skipping copyright check for in-container build as git repo is not available
+++ [1008 08:48:07] Syncing out of container
+++ [1008 08:48:46] Building tarball: src
+++ [1008 08:48:46] Building tarball: manifests
+++ [1008 08:48:46] Starting tarball: client linux-amd64
+++ [1008 08:48:46] Waiting on tarballs
+++ [1008 08:48:54] Building tarball: node linux-amd64
+++ [1008 08:48:54] Building images: linux-amd64
+++ [1008 08:48:55] Starting docker build for image: cloud-controller-manager-amd64
+++ [1008 08:48:55] Starting docker build for image: kube-apiserver-amd64
+++ [1008 08:48:55] Starting docker build for image: kube-controller-manager-amd64
+++ [1008 08:48:55] Starting docker build for image: workload-controller-manager-amd64
+++ [1008 08:48:55] Starting docker build for image: kube-scheduler-amd64
+++ [1008 08:48:55] Starting docker build for image: kube-proxy-amd64
+++ [1008 08:48:55] Building hyperkube image for arch: amd64
+++ [1008 08:48:55] Building conformance image for arch: amd64
+++ [1008 08:51:26] Deleting docker image k8s.gcr.io/workload-controller-manager:v0.9.0
+++ [1008 08:51:26] Deleting docker image k8s.gcr.io/kube-scheduler:v0.9.0
+++ [1008 08:51:26] Deleting docker image k8s.gcr.io/kube-proxy:v0.9.0
+++ [1008 08:51:26] Deleting docker image k8s.gcr.io/cloud-controller-manager:v0.9.0
+++ [1008 08:51:26] Deleting docker image k8s.gcr.io/kube-controller-manager:v0.9.0
+++ [1008 08:51:26] Deleting docker image k8s.gcr.io/kube-apiserver:v0.9.0
+++ [1008 08:51:27] Deleting hyperkube image k8s.gcr.io/hyperkube-amd64:v0.9.0
+++ [1008 08:52:10] Deleting conformance image k8s.gcr.io/conformance-amd64:v0.9.0
+++ [1008 08:52:10] Docker builds done
+++ [1008 08:52:10] Building tarball: server linux-amd64
+++ [1008 08:53:59] Building tarball: final
+++ [1008 08:53:59] Starting tarball: test linux-amd64
+++ [1008 08:53:59] Waiting on test tarballs
+++ [1008 08:54:48] Building tarball: test portable
+++ [1008 08:54:48] Building tarball: test mondo (deprecated by KEP
sig-testing/20190118-breaking-apart-the-kubernetes-test-tarball)
Running copyright check for repo: /root/go/src/k8s.io/arktos, logging to
_output/ArktosCopyrightTool.log
~/go/src/k8s.io/arktos ~/go/src/k8s.io/arktos
~/go/src/k8s.io/arktos
~/go/src/k8s.io/arktos ~/go/src/k8s.io/arktos
~/go/src/k8s.io/arktos

```
Inspecting copyright files, writing logs to _output/ArktosCopyrightTool.log
Done.
root@amitubuntu1804-test:~/go/src/k8s.io/arktos# vi cluster/gce/config-default.sh
root@amitubuntu1804-test:~/go/src/k8s.io/arktos# sudo ./cluster/kube-up.sh
... Starting cluster in us-central1-b using provider gce
... calling verify-prereqs
... calling verify-kube-binaries
... calling verify-release-tars
... calling kube-up
Project: click2cloud
Network Project: click2cloud
Zone: us-central1-b
DBG: uploading image + tar files...
Configuring registry authentication
Adding credentials for all GCR repositories.
WARNING: A long list of credential helpers may cause delays running 'docker build'. We
recommend passing the registry name to configure only the registry you are using.
Docker configuration file updated.
Downloading
https://github.com/centaurus-cloud/etcd/releases/download/v3.4.3/etcd-v3.4.3-linux-am
d64.tar.gz succeed
docker build --pull -t gcr.io/click2cloud/etcd-amd64:3.4.3.0 .
Sending build context to Docker daemon 46.74MB
Step 1/3 : FROM ubuntu:16.04
16.04: Pulling from library/ubuntu
58690f9b18fc: Pull complete
b51569e7c507: Pull complete
da8ef40b9eca: Pull complete
fb15d46c38dc: Pull complete
Digest: sha256:454054f5bbd571b088db25b662099c6c7b3f0cb78536a2077d54adc48f00cd68
Status: Downloaded newer image for ubuntu:16.04
---> b6f507652425
Step 2/3 : EXPOSE 2379 2380 4001 7001
---> Running in 922448b6e7f5
Removing intermediate container 922448b6e7f5
---> a305aaf9ec31
Step 3/3 : COPY etcd* etcdctl* /usr/local/bin/
---> fefe758b1e4d
Successfully built fefe758b1e4d
Successfully tagged gcr.io/click2cloud/etcd-amd64:3.4.3.0
docker tag gcr.io/click2cloud/etcd-amd64:3.4.3.0 gcr.io/click2cloud/etcd-amd64:3.4.3.0
docker push gcr.io/click2cloud/etcd-amd64:3.4.3.0
The push refers to repository [gcr.io/click2cloud/etcd-amd64]
edae24dbbe9d: Pushed
1251204ef8fc: Layer already exists
47ef83afae74: Layer already exists
df54c846128d: Layer already exists
be96a3f634de: Layer already exists
3.4.3.0: digest:
sha256:4853bef5f73ff522655d3246224177f0693d4f12ef1326180fe9a49f70754830 size: 1362
Created and uploaded the etcd image to docker registry.
rm -rf etcdctl etcd-v3.4.3-linux-amd64 etcd-v3.4.3-linux-amd64.tar.gz
curl -L -O
https://github.com/centaurus-cloud/etcd/releases/download/v3.4.3/etcd-v3.4.3-linux-am
d64.tar.gz
```

% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload	Total	Spent	Left	Speed
100	160	100	160	0	0	622	0
100	638	100	638	0	0	1853	0
100	16.4M	100	16.4M	0	0	14.4M	0

```

tar xzf etcd-v3.4.3-linux-amd64.tar.gz
cp etcd-v3.4.3-linux-amd64/etcdctl .
docker build --pull -t gcr.io/click2cloud/etcd-empty-dir-cleanup:3.4.3.0 .
Sending build context to Docker daemon 81.48MB
Step 1/7 : FROM k8s.gcr.io/debian-base:v1.0.0
v1.0.0: Pulling from debian-base
Digest: sha256:3801f944c765dc1b54900826ca67b1380bb8c73b9caf4a2a27ce613b3ba3e742
Status: Downloaded newer image for k8s.gcr.io/debian-base:v1.0.0
---> 204e96332c91
Step 2/7 : COPY etcdctl etcd-empty-dir-cleanup.sh /
---> f8b83938f750
Step 3/7 : RUN chmod a+rx /etcdctl /etcd-empty-dir-cleanup.sh
---> Running in ceaaafe7356a
Removing intermediate container ceaaafe7356a
---> ae11e68f96b1
Step 4/7 : ENV ETCDCCTL /etcdctl
---> Running in 7060ea16b667
Removing intermediate container 7060ea16b667
---> a5ac358b4d54
Step 5/7 : ENV SLEEP_SECOND 3600
---> Running in e44bb00b0daf
Removing intermediate container e44bb00b0daf
---> f9016492422c
Step 6/7 : USER nobody:nogroup
---> Running in fb6e5dac4d87
Removing intermediate container fb6e5dac4d87
---> 695c4dad33c7
Step 7/7 : ENTRYPOINT ["/etcd-empty-dir-cleanup.sh"]
---> Running in eae6dee1ef35
Removing intermediate container eae6dee1ef35
---> 7c9d146ff527
Successfully built 7c9d146ff527
Successfully tagged gcr.io/click2cloud/etcd-empty-dir-cleanup:3.4.3.0
rm -rf etcdctl etcd-v3.4.3-linux-amd64 etcd-v3.4.3-linux-amd64.tar.gz
docker push gcr.io/click2cloud/etcd-empty-dir-cleanup:3.4.3.0
The push refers to repository [gcr.io/click2cloud/etcd-empty-dir-cleanup]
75e9e54f208d: Pushed
d6cb6952da44: Pushed
fe9a8b4f1dcc: Layer already exists
3.4.3.0: digest:
sha256:5fe1654ea6559f6b7d1c2ab8856bd6708a5f79425cb8b67dff2b38b0dc19455f size: 951
Created and uploaded the etcd-empty-dir-cleanup image to docker registry.
+++ Staging tars to Google Storage: gs://kubernetes-staging-d7e6562b7b/kubernetes-devel
+++ kubernetes-server-linux-amd64.tar.gz uploaded (sha1 =
6114d35143bb6c29d1cf5c0ef2c8ef67f8ff2fb5)
+++ kubernetes-manifests.tar.gz uploaded (sha1 =
68eb0e0d1326d3b1a1f02f6f88323db3030b9eb9)
DBG: (at kube-up) image + tar files uploaded
INSTANCE_GROUPS=
NODE_NAMES=

```

Looking for already existing resources
Found existing network default in AUTO mode.
Creating firewall...
Creating firewall...
IP aliases are disabled.
Found subnet for region us-central1 in network default: default
Starting master and configuring firewalls
Creating firewall...
..Created
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/firewalls/kubernetes-default-internal-master].
done.

NAME	NETWORK	DIRECTION	PRIORITY	ALLOW
DENY DISABLED				
kubernetes-default-internal-master	default	INGRESS	1000	
tcp:1-2379, tcp:2382-65535, udp:1-65535, icmp		False		

Created
[https://www.googleapis.com/compute/v1/projects/click2cloud/zones/us-central1-b/disks/kubernetes-master-pd].

NAME	ZONE	SIZE_GB	TYPE	STATUS
kubernetes-master-pd	us-central1-b	20	pd-ssd	READY

New disks are unformatted. You must format and mount a disk before it can be used. You can find instructions on how to do this at:

<https://cloud.google.com/compute/docs/disks/add-persistent-disk#formatting>

..Created
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/firewalls/kubernetes-default-internal-node].
done.

NAME	NETWORK	DIRECTION	PRIORITY	ALLOW
DENY DISABLED				
kubernetes-default-internal-node	default	INGRESS	1000	
tcp:1-65535, udp:1-65535, icmp		False		

Creating firewall...
..Created
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/firewalls/kubernetes-master-https].
done.

NAME	NETWORK	DIRECTION	PRIORITY	ALLOW	DENY	DISABLED
kubernetes-master-https	default	INGRESS	1000	tcp:443		False

Created
[https://www.googleapis.com/compute/v1/projects/click2cloud/regions/us-central1/addresses/kubernetes-master-ip].

..Created
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/firewalls/kubernetes-master-etcd].
done.

NAME	NETWORK	DIRECTION	PRIORITY	ALLOW	DENY
DISABLED					
kubernetes-master-etcd	default	INGRESS	1000	tcp:2380, tcp:2381	False

Created
[https://www.googleapis.com/compute/v1/projects/click2cloud/regions/us-central1/addresses/kubernetes-master-internalip].

MASTER_RESERVED_IP: 34.71.217.225, CREATE_CERT_SERVER_IP: 10.128.15.214

Generating certs for alternate-names:

IP:34.71.217.225,IP:10.128.15.214,IP:10.0.0.1,DNS:kubernetes,DNS:kubernetes.default,DNS:kubernetes.default.svc,DNS:kubernetes.default.svc.cluster.local,DNS:kubernetes-master

Unable to successfully run 'cfssl' from

/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/snap/bin; downloading instead...

% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload	Total	Spent	Left	Speed
0	0	0	0	0	--:--:--	--:--:--	0
100	623	100	623	0	--:--:--	--:--:--	1125
100	9.8M	100	9.8M	0	--:--:--	--:--:--	299M
% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload	Total	Spent	Left	Speed
0	0	0	0	0	--:--:--	--:--:--	0
100	627	100	627	0	--:--:--	--:--:--	1770
100	2224k	100	2224k	0	--:--:--	--:--:--	3135k

2021/10/08 09:04:06 [INFO] generating a new CA key and certificate from CSR

2021/10/08 09:04:06 [INFO] generate received request

2021/10/08 09:04:06 [INFO] received CSR

2021/10/08 09:04:06 [INFO] generating key: ecdsa-256

2021/10/08 09:04:06 [INFO] encoded CSR

2021/10/08 09:04:06 [INFO] signed certificate with serial number

296696817533827974930646064886987636470363331162

Generate peer certificates...

2021/10/08 09:04:06 [INFO] generate received request

2021/10/08 09:04:06 [INFO] received CSR

2021/10/08 09:04:06 [INFO] generating key: ecdsa-256

2021/10/08 09:04:06 [INFO] encoded CSR

2021/10/08 09:04:06 [INFO] signed certificate with serial number

699046862569867347751900405939336439838574425279

Unable to successfully run 'cfssl' from

/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/snap/bin; downloading instead...

% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload	Total	Spent	Left	Speed
0	0	0	0	0	--:--:--	--:--:--	0
100	623	100	623	0	--:--:--	--:--:--	3039
100	9.8M	100	9.8M	0	--:--:--	--:--:--	13.2M
% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload	Total	Spent	Left	Speed
0	0	0	0	0	--:--:--	--:--:--	0
100	627	100	627	0	--:--:--	--:--:--	1784
100	2224k	100	2224k	0	--:--:--	--:--:--	7039k

Generate server certificates...

2021/10/08 09:04:07 [INFO] generate received request

2021/10/08 09:04:07 [INFO] received CSR

2021/10/08 09:04:07 [INFO] generating key: ecdsa-256

2021/10/08 09:04:08 [INFO] encoded CSR

2021/10/08 09:04:08 [INFO] signed certificate with serial number

268039897000237869809941897702950923313316332606

Unable to successfully run 'cfssl' from

/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/snap/bin; downloading instead...

% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload	Total	Spent	Left	Speed
0	0	0	0	0	--:--:--	--:--:--	0
100	623	100	1767	0	--:--:--	--:--:--	1767
100	9.8M	100	10.3M	0	--:--:--	--:--:--	25.4M
% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload	Total	Spent	Left	Speed
0	0	0	0	0	--:--:--	0:00:01	0
100	627	100	337	0	0:00:01	0:00:01	337
100	2224k	100	1072k	0	0:00:02	0:00:02	1072k

Generate client certificates...

```

2021/10/08 09:04:11 [INFO] generate received request
2021/10/08 09:04:11 [INFO] received CSR
2021/10/08 09:04:11 [INFO] generating key: ecDSA-256
2021/10/08 09:04:11 [INFO] encoded CSR
2021/10/08 09:04:11 [INFO] signed certificate with serial number
218972815232293629949383662231129170609573040117
2021/10/08 09:04:11 [WARNING] This certificate lacks a "hosts" field. This makes it
unsuitable for
websites. For more information see the Baseline Requirements for the Issuance and
Management
of Publicly-Trusted Certificates, v.1.1.6, from the CA/Browser Forum
(https://cabforum.org);
specifically, section 10.2.3 ("Information Requirements").
Unable to successfully run 'cfssl' from
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/snap/bin; downloading
instead...

```

% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload	Total	Spent	Left	Speed
0	0	0	0	0	--:--:--	--:--:--	0
100	623	100	1780	0	--:--:--	--:--:--	1780
100	9.8M	100	17.6M	0	--:--:--	--:--:--	132M
% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload	Total	Spent	Left	Speed
0	0	0	0	0	--:--:--	--:--:--	0
100	627	100	1805	0	--:--:--	--:--:--	1805
100	2224k	100	4163k	0	--:--:--	--:--:--	4163k

Generate grpc_proxy certificates...

```

2021/10/08 09:04:12 [INFO] generate received request
2021/10/08 09:04:12 [INFO] received CSR
2021/10/08 09:04:12 [INFO] generating key: ecDSA-256
2021/10/08 09:04:12 [INFO] encoded CSR
2021/10/08 09:04:12 [INFO] signed certificate with serial number
435062335995618768220601593246145223784689922693
2021/10/08 09:04:12 [WARNING] This certificate lacks a "hosts" field. This makes it
unsuitable for
websites. For more information see the Baseline Requirements for the Issuance and
Management
of Publicly-Trusted Certificates, v.1.1.6, from the CA/Browser Forum
(https://cabforum.org);
specifically, section 10.2.3 ("Information Requirements").
DBG: MASTER_EXTRA_METADATA :
WARNING: You have selected a disk size of under [200GB]. This may result in poor I/O
performance. For more information, see:
https://developers.google.com/compute/docs/disks#performance.

```


Created
[https://www.googleapis.com/compute/v1/projects/click2cloud/zones/us-central1-b/instances/kubernetes-master].

WARNING: Some requests generated warnings:

- Disk size: '20 GB' is larger than image size: '10 GB'. You might need to resize the root repartition manually if the operating system does not support automatic resizing. See https://cloud.google.com/compute/docs/disks/add-persistent-disk#resize_pd for details.

NAME	ZONE	MACHINE_TYPE	PREEMPTIBLE	INTERNAL_IP
EXTERNAL_IP	STATUS			
kubernetes-master	us-central1-b	n1-standard-1		10.128.15.214
34.71.217.225	RUNNING			

TOTALSERVER_EXTRA_NUM: 0

+++ Logging using Fluentd to gcp

Creating firewall...

..Created

[https://www.googleapis.com/compute/v1/projects/click2cloud/global/firewalls/kubernetes-minion-all].

done.

NAME	NETWORK	DIRECTION	PRIORITY	ALLOW	DENY
DISABLED					
kubernetes-minion-all	default	INGRESS	1000	tcp,udp,icmp,esp,ah,sctp	
False					

Creating nodes.

Using subnet default

Attempt 1 to create kubernetes-minion-template

WARNING: You have selected a disk size of under [200GB]. This may result in poor I/O performance. For more information, see:

<https://developers.google.com/compute/docs/disks#performance>.

Created

[https://www.googleapis.com/compute/v1/projects/click2cloud/global/instanceTemplates/kubernetes-minion-template].

NAME	MACHINE_TYPE	PREEMPTIBLE	CREATION_TIMESTAMP
kubernetes-minion-template	n1-standard-2		2021-10-08T02:04:57.633-07:00

Using subnet default

Attempt 1 to create kubernetes-windows-node-template

WARNING: You have selected a disk size of under [200GB]. This may result in poor I/O performance. For more information, see:

<https://developers.google.com/compute/docs/disks#performance>.

Created

[https://www.googleapis.com/compute/v1/projects/click2cloud/global/instanceTemplates/kubernetes-windows-node-template].

NAME	MACHINE_TYPE	PREEMPTIBLE	CREATION_TIMESTAMP
kubernetes-windows-node-template	n1-standard-2		2021-10-08T02:05:02.333-07:00

Created

[https://www.googleapis.com/compute/v1/projects/click2cloud/zones/us-central1-b/instanceGroupManagers/kubernetes-minion-group].

NAME	LOCATION	SCOPE	BASE_INSTANCE_NAME	SIZE
TARGET_SIZE	INSTANCE_TEMPLATE	AUTOSCALED		
kubernetes-minion-group	us-central1-b	zone	kubernetes-minion-group	0 3
kubernetes-minion-template	no			

WARNING: `gcloud compute instance-groups managed wait-until-stable` is deprecated. Please use `gcloud compute instance-groups managed wait-until --stable` instead.

Waiting for group to become stable, current operations: creating: 3
Waiting for group to become stable, current operations: creating: 3
Group is stable
INSTANCE_GROUPS=kubernetes-minion-group
NODE_NAMES=kubernetes-minion-group-5r7x kubernetes-minion-group-8fm4
kubernetes-minion-group-v1hd
Trying to find master named 'kubernetes-master'
Looking for address 'kubernetes-master-ip'
Using master: kubernetes-master (external IP: 34.71.217.225)
Waiting up to 300 seconds for cluster initialization.

This will continually check to see if the API for kubernetes is reachable.
This may time out if there was some uncaught error during start up.

.....Kubernetes cluster
created.
Cluster "click2cloud_kubernetes" set.
User "click2cloud_kubernetes" set.
Context "click2cloud_kubernetes" created.
Switched to context "click2cloud_kubernetes".
User "click2cloud_kubernetes-basic-auth" set.
Wrote config for click2cloud_kubernetes to /root/.kube/config

Kubernetes cluster is running. The master is running at:

<https://34.71.217.225>

The user name and password to use is located in /root/.kube/config.

... calling validate-cluster
Validating gce cluster, MULTIZONE=
Project: click2cloud
Network Project: click2cloud
Zone: us-central1-b
TOTALSERVER_EXTRA_NUM: 0, EXPECTED_NUM_NODES:4, ALLOWED_NOTREADY_NODES:0
No resources found.
Waiting for 4 ready nodes. 0 ready nodes, 0 registered. Retrying.
No resources found.
Waiting for 4 ready nodes. 0 ready nodes, 0 registered. Retrying.
Waiting for 4 ready nodes. 1 ready nodes, 1 registered. Retrying.
Found 4 node(s).

NAME	STATUS	ROLES	AGE	VERSION
kubernetes-master	Ready,SchedulingDisabled	<none>	20s	v0.9.0
kubernetes-minion-group-5r7x	Ready	<none>	14s	v0.9.0
kubernetes-minion-group-8fm4	Ready	<none>	14s	v0.9.0
kubernetes-minion-group-v1hd	Ready	<none>	14s	v0.9.0

Validate output:

NAME	STATUS	MESSAGE	ERROR
controller-manager	Healthy	ok	
scheduler	Healthy	ok	
etcd-1	Healthy	{"health":"true"}	
etcd-0	Healthy	{"health":"true"}	

Cluster validation succeeded

Done, listing cluster services:

Kubernetes master is running at <https://34.71.217.225>
GLBCDefaultBackend is running at
[https://34.71.217.225/api/v1/tenants/system/namespaces/kube-system/services/default-http-backend:http/proxy](https://34.71.217.225/api/v1/tenants/system/namespaces/kube-system/services/default-http-backend/http/proxy)
Heapster is running at
<https://34.71.217.225/api/v1/tenants/system/namespaces/kube-system/services/heapster/proxy>
kubernetes-dashboard is running at
<https://34.71.217.225/api/v1/tenants/system/namespaces/kube-system/services/https:kubernetes-dashboard:/proxy>
Metrics-server is running at
<https://34.71.217.225/api/v1/tenants/system/namespaces/kube-system/services/https:metrics-server:/proxy>

To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.

```
root@amitubuntu1804-test:~/go/src/k8s.io/arktos# Kubectl -version
Kubectl: command not found
root@amitubuntu1804-test:~/go/src/k8s.io/arktos# ./cluster/kubectl.sh create ns
policy-demo
namespace/policy-demo created
root@amitubuntu1804-test:~/go/src/k8s.io/arktos# ./cluster/kubectl.sh create
deployment --namespace=policy-demo nginx --image=nginx
deployment.apps/nginx created
root@amitubuntu1804-test:~/go/src/k8s.io/arktos# ./cluster/kubectl.sh expose
--namespace=policy-demo deployment nginx --port=80
service/nginx exposed
root@amitubuntu1804-test:~/go/src/k8s.io/arktos# ./cluster/kubectl.sh run
--namespace=policy-demo access --rm -ti --image busybox /bin/sh
kubectl run --generator=deployment/apps.v1 is DEPRECATED and will be removed in a future
version. Use kubectl run --generator=run-pod/v1 or kubectl create instead.
```

```
^Croot@amitubuntu1804-test:~/go/src/k8s.io/arktos# ./cluster/kubectl.sh create
--namespace=policy-demo access --rm -ti --image busybox /bin/sh
Error: unknown flag: --rm
```

Examples:

```
# Create a pod using the data in pod.json.
kubectl create -f ./pod.json
```

```
# Create a pod based on the JSON passed into stdin.
cat pod.json | kubectl create -f -
```

```
# Edit the data in docker-registry.yaml in JSON then create the resource using the edited
data.
```

```
kubectl create -f docker-registry.yaml --edit -o json
```

Available Commands:

clusterrole	Create a ClusterRole.
clusterrolebinding	Create a ClusterRoleBinding for a particular ClusterRole
configmap	Create a configmap from a local file, directory or literal value
cronjob	Create a cronjob with the specified name.
deployment	Create a deployment with the specified name.

job	Create a job with the specified name.
namespace	Create a namespace with the specified name
poddisruptionbudget	Create a pod disruption budget with the specified name.
priorityclass	Create a priorityclass with the specified name.
quota	Create a quota with the specified name.
role	Create a role with single rule.
rolebinding	Create a RoleBinding for a particular Role or ClusterRole
secret	Create a secret using specified subcommand
service	Create a service using specified subcommand.
serviceaccount	Create a service account with the specified name
tenant	Create a tenant with the specified name

Options:

--allow-missing-template-keys=true: If true, ignore any errors in templates when a field or map key is missing in the template. Only applies to golang and jsonpath output formats.

--dry-run=false: If true, only print the object that would be sent, without sending it.

--edit=false: Edit the API resource before creating

-f, --filename=[]: Filename, directory, or URL to files to use to create the resource

-k, --kustomize='': Process the kustomization directory. This flag can't be used together with -f or -R.

-o, --output='': Output format. One of:

json|yaml|name|go-template|go-template-file|template|templatefile|jsonpath|jsonpath-f
ile.

--raw='': Raw URI to POST to the server. Uses the transport specified by the kubeconfig file.

--record=false: Record current kubectl command in the resource annotation. If set to false, do not record the command. If set to true, record the command. If not set, default to updating the existing annotation value only if one already exists.

-R, --recursive=false: Process the directory used in -f, --filename recursively. Useful when you want to manage related manifests organized within the same directory.

--save-config=false: If true, the configuration of current object will be saved in its annotation. Otherwise, the annotation will be unchanged. This flag is useful when you want to perform kubectl apply on this object in the future.

-l, --selector='': Selector (label query) to filter on, supports '=', '==', and '!='.(e.g. -l key1=value1,key2=value2)

--template='': Template string or path to template file to use when -o=go-template, -o=go-template-file. The template format is golang templates
[<http://golang.org/pkg/text/template/#pkg-overview>].

--validate=true: If true, use a schema to validate the input before sending it

--windows-line-endings=false: Only relevant if --edit=true. Defaults to the line ending native to your platform.

Usage:

```
kubectl create -f FILENAME [options]
```

Use "kubectl <command> --help" for more information about a given command.

Use "kubectl options" for a list of global command-line options (applies to all commands).

unknown flag: --rm

```
root@amitubuntu1804-test:~/go/src/k8s.io/arktos# sudo ./cluster/kube-down.sh
```

Bringing down cluster using provider: gce

... calling verify-prereqs

... calling verify-kube-binaries

```

... calling kube-down
Project: click2cloud
Network Project: click2cloud
Zone: us-central1-b
INSTANCE_GROUPS=kubernetes-minion-group
NODE_NAMES=kubernetes-minion-group-5r7x kubernetes-minion-group-8fm4
kubernetes-minion-group-v1hd
Bringing down cluster
Deleting Managed Instance Group...
..Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/zones/us-central1-b/instanceGroupManagers/kubernetes-minion-group].
done.
Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/instanceTemplates/kubernetes-minion-template].
Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/instanceTemplates/kubernetes-windows-node-template].
teardown total extra server num: 0
WARNING: The public SSH key file for gcloud does not exist.
WARNING: The private SSH key file for gcloud does not exist.
WARNING: You do not have an SSH key for gcloud.
WARNING: SSH keygen will be executed to generate a key.
Generating public/private rsa key pair.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /root/.ssh/google_compute_engine.
Your public key has been saved in /root/.ssh/google_compute_engine.pub.
The key fingerprint is:
SHA256:z5PGcy3405EwcMm7URU4hX+Jq+qaMsUUTbUnMbkdIA root@amitubuntu1804-test
The key's randomart image is:
+----[RSA 2048]-----+
|      +**=0*+. |
|      .oEB**   |
|      .o.+ o. . |
|      . = .... |
|    o S  = ... |
|      o +.000   |
|      .  X +..  |
|    o .. *..   |
|      oooo. oo  |
+----[SHA256]-----+
Updating project ssh metadata...:Updated
[https://www.googleapis.com/compute/v1/projects/click2cloud].
Updating project ssh metadata...done.
Waiting for SSH key to propagate.
Warning: Permanently added 'compute.8341866028754384737' (ECDSA) to the list of known hosts.
Enter passphrase for key '/root/.ssh/google_compute_engine':
Enter passphrase for key '/root/.ssh/google_compute_engine':
Removing etcd replica, name: kubernetes-master, port: 2379, result: 52
Enter passphrase for key '/root/.ssh/google_compute_engine':
404 page not found
Removing etcd replica, name: kubernetes-master, port: 4002, result: 0

```

```
Updated
[https://www.googleapis.com/compute/v1/projects/click2cloud/zones/us-central1-b/instances/kubernetes-master].
Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/zones/us-central1-b/instances/kubernetes-master].
Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/firewalls/kubernetes-master-https].
Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/firewalls/kubernetes-master-etcd].
Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/firewalls/kubernetes-minion-all].
Deleting master's reserved IP
Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/regions/us-central1/addresses/kubernetes-master-ip].
Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/regions/us-central1/addresses/kubernetes-master-internalip].
Deleting routes kubernetes-5d219ff4-27b8-43ae-83b5-99b804c9ea24
Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/routes/kubernetes-5d219ff4-27b8-43ae-83b5-99b804c9ea24].
Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/firewalls/kubernetes-default-internal-master].
Deleted
[https://www.googleapis.com/compute/v1/projects/click2cloud/global/firewalls/kubernetes-default-internal-node].
Property "current-context" unset.
Property "clusters.click2cloud_kubernetes" unset.
Property "users.click2cloud_kubernetes" unset.
Property "users.click2cloud_kubernetes-basic-auth" unset.
Property "contexts.click2cloud_kubernetes" unset.
Cleared config for click2cloud_kubernetes from /root/.kube/config
Done
root@amitubuntu1804-test:~/go/src/k8s.io/arktos#
```