

1.Deprecated的image,仍然可以创建vm

[Creating, deleting, and deprecating custom images](#)

Deprecation states ↔

The following deprecation states are supported:

- **ACTIVE** : the image is active and can be used as normal. Image families point to the most recent and active image in a family.
- **DEPRECATED** : the image is marked deprecated but can still be used to [create a VM](#). New links to this image are allowed. Image families no longer point to this image even if it is the most recent image in the family.

If you create a VM with a deprecated image using the `gcloud` command-line tool, the request succeeds with a warning.

- **OBSOLETE** : the image is marked obsolete and is no longer available for use. An error message is returned if you try to use this image in a request. Existing links to this image are still allowed.
- **DELETED** : this image is deleted. An error message is returned if you try to use a deleted image.

2.查出所有的image, 包括deprecated的image

Console中查看已经弃用的image :

Google Cloud Platform

Search products and resources

cherman-test

Compute Engine

Images

[CREATE IMAGE](#)[REFRESH](#)[DELETE](#)

Virtual machines

VM instances

Instance templates

Sole-tenant nodes

Machine images

TPUs

Committed use discounts

Migrate for Compute Engi...

IMAGES

IMAGE IMPORT HISTORY

IMAGE EXPORT HISTORY

Filter

Enter property name or value

☐

Status

☐

centos-6-custom

☐

grafana-image

☐

backports-debian-7-wheezy-v20131127

asia-east1

us-central1

asia, eu, us

846.07 MB

1.48 GB

—

20 GB

40 GB

10 GB

yunion-test-286209

yunion-test-286209

Debian

Deprecated

Jul 19, 2021, 7:07:54 PM UTC+08:00

Jul 19, 2021, 10:22:03 PM UTC+08:00

Dec 3, 2013, 9:49:01 AM UTC+08:00

⋮

⋮

⋮

Show deprecated images

Gcloud 查看方式

```
liuchenggang:~/ $ gcloud compute images list --show-deprecated | grep centos  
[17:24:12]
```

centos-6-v20131120	centos-cloud
DEPRECATED READY	
centos-6-v20140318	centos-cloud
DEPRECATED READY	
centos-6-v20140408	centos-cloud
DEPRECATED READY	
centos-6-v20140415	centos-cloud
DEPRECATED READY	
centos-6-v20140522	centos-cloud
DEPRECATED READY	
centos-6-v20140605	centos-cloud
DEPRECATED READY	
centos-6-v20140606	centos-cloud
DEPRECATED READY	
centos-6-v20140619	centos-cloud
DEPRECATED READY	
centos-6-v20140718	centos-cloud
DEPRECATED READY	
centos-6-v20140924	centos-cloud
DEPRECATED READY	
centos-6-v20140926	centos-cloud
DEPRECATED READY	
centos-6-v20141007	centos-cloud
DEPRECATED READY	
centos-6-v20141016	centos-cloud
DEPRECATED READY	
centos-6-v20141021	centos-cloud
DEPRECATED READY	
centos-6-v20141108	centos-cloud
DEPRECATED READY	
centos-6-v20141205	centos-cloud
DEPRECATED READY	
centos-6-v20141218	centos-cloud
DEPRECATED READY	
centos-6-v20150127	centos-cloud
DEPRECATED READY	
centos-6-v20150226	centos-cloud
DEPRECATED READY	
centos-6-v20150309	centos-cloud
DEPRECATED READY	
centos-6-v20150325	centos-cloud
DEPRECATED READY	
centos-6-v20150423	centos-cloud
DEPRECATED READY	
centos-6-v20150526	centos-cloud

DEPRECATED	READY		centos-cloud
centos-6-v20150603			
DEPRECATED	READY		centos-cloud
centos-6-v20150710			
DEPRECATED	READY		centos-cloud
centos-6-v20150818			
DEPRECATED	READY		centos-cloud
centos-6-v20150915			
DEPRECATED	READY		centos-cloud
centos-6-v20150929			
DEPRECATED	READY		centos-cloud
centos-6-v20151104			
DEPRECATED	READY		centos-cloud
centos-6-v20160119			
DEPRECATED	READY		centos-cloud
centos-6-v20160126			
DEPRECATED	READY		centos-cloud
centos-6-v20160211			
DEPRECATED	READY		centos-cloud
centos-6-v20160216			
DEPRECATED	READY		centos-cloud
centos-6-v20160219			
DEPRECATED	READY		centos-cloud
centos-6-v20160301			
centos-6	DEPRECATED	READY	
centos-6-v20160329			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20160418			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20160511			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20160526			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20160606			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20160629			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20160711			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20160718			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20160803			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20160921			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20161026			centos-cloud
centos-6	DEPRECATED	READY	

centos-6-v20161027			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20161129			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20161208			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20161212			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170110			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170124			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170223			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170227			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170327			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170426			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170523			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170616			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170620			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170717			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170805			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170816			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170829			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20170918			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20171018			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20171025			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20171129			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20171213			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180104			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180129			centos-cloud

centos-6	DEPRECATED	READY	
centos-6-v20180205			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180227			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180314			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180401			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180507			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180510			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180514			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180516			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180523			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180611			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180716			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180815			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20180911			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20181009			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20181011			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20181113			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20181210			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20190116			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20190213			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20190312			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20190326			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20190423			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20190515			centos-cloud
centos-6	DEPRECATED	READY	

centos-6-v20190619			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20190729			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20190813			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20190911			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20190916			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20191014			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20191115			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20191121			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20191210			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20200205			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20200309			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20200402			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20200505			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20200521			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20200618			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20200714			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20200811			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20200902			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20200910			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20201014			centos-cloud
centos-6	DEPRECATED	READY	
centos-6-v20201112			centos-cloud
centos-6	DEPRECATED	READY	
centos-7-v20140903			centos-cloud
DEPRECATED	READY		

3.根据image name 和 image project创建 gce

```
gcloud compute instances create cliucentos6 --image=centos-6-v20201112
--image-project=centos-cloud --machine-type=e2-custom-2-4096
```

```
connected, host fingerprint: ssh-rsa 0 C2:12:F5:6C:D1:75:9A:C4:18:C8:9D:82:DB:1
5C:BE:36:25:6D:F2
liuchenggang@cliucentos6 ~]$ more /etc/redhat-release
CentOS release 6.10 (Final)
liuchenggang@cliucentos6 ~]$
```

4.不同组织间共享自定义映像：

参考：

https://cloud.google.com/compute/docs/images/managing-access-custom-images#mig_all_images_access

需要与组织外的合作伙伴、用户共享映像（image），可以将用户添加到项目中：

4.1、更新特定映像的访问权限：

```
gcloud compute images add-iam-policy-binding IMAGE_NAME \
--member='MEMBER' \
--role='ROLE'
```

- **IMAGE_NAME**: 映像的名称, 例如 custom-centos-8
- **MEMBER**: 您要向其授予相应角色的有效身份。
例如:
 - user: test-user@gmail.com # 指定用户
 - group: admins@example.com # 指定用户组
 - serviceAccount: test123@example.domain.com ##指定服务账号
 - Domain: example.domain.com # 指定组织
- **ROLE**: 要向其分配此身份的角色, 例如 [roles/compute.imageUser](#)、[roles/compute.storageAdmin](#) 或自定义角色

4.2、在其他项目中使用映像：

```
gcloud compute instances create VM_NAME \
```

```
--image=IMAGE \  
--image-project=IMAGE_PROJECT_ID
```

VM_NAME:新虚拟机的名称

IMAGE:映像的名称

IMAGE_PROJECT_ID:映像所属的项目