

(cmd)How to view images available

Friday, July 28, 2017 12:02 PM

Make sure you have your RC file:

[How to Obtain the API access file \('RC'\)](#)

Make sure you have the python clients installed:

[\(cmd\)Installing python client](#)

openstack image list

ID	Name	Status
b83459ed-1b40-4ba8-b771-b733165d2ce7	CentOS6-1612	active
c248dadcd-b8fb-43cd-8124-922da0e29324	CentOS7-1612	active
713c66c9-d910-44c5-872f-ab441fbefb0c	Container-Linux	active
9de545cd-313e-431b-88f4-0b416a92157c	Debian8	active
1444cd11-41c8-4c17-bc64-618514652de9	Fedora25	active
0e54758c-04d6-4fd0-9048-1f49c28edb1d	GNS3_DSK1	active
8aae0611-4b98-454b-8311-b39ea719f3be	GNS3_Dsk2	active
0877e51b-d600-4a38-9517-3b16b68e11e8	RedHat7	active
1624b3f8-e7f7-406d-87c3-388f6515cd30	Ubuntu14.04	active
887f4b66-0b63-426f-8cca-b6f65bfa11ef	Ubuntu16.04	active
8e630975-933b-4415-b4bc-8be5742ae38b	Windows Server 2012 R2 Std Eval	active
0dafd270-9ff2-4094-9c70-25b54e017123	cfme_image	active
2ce6b596-48b9-484f-ab7a-3f783054c9d6	cirros	active
e3894093-26ce-4c47-b2c4-88d6c6beac29	debian7	active
7d47e1fc-eb00-46ce-8ddf-c2095b7e4231	debian9	active
a9348a38-dd63-4991-b4b3-a40ad005b22c	fda26	active
e34c45b0-a9df-49ea-b784-9a601820bbca	gpaw-test	active
d22fb166-543f-4174-9c33-68e0a82bef07	ubuntu_trusty	active

ID: (internal identification for openstack (not necessary for our purposes).

Name: How we will use these images.

Status: (only important if its not active)

So how do we not get information we don't need?

openstack image list -c Name -c Status

Name	Status
CentOS6-1612	active
CentOS7-1612	active
Container-Linux	active
Debian8	active
Fedora25	active
GNS3_DSK1	active
GNS3_Dsk2	active
RedHat7	active
Ubuntu14.04	active
Ubuntu16.04	active
Windows Server 2012 R2 Std Eval	active
cfme_image	active
cirros	active
debian7	active

```

| debian9           | active |
| fda26             | active |
| gpaw-test         | active |
| ubuntu_trusty    | active |
+-----+-----+

```

openstack image show RedHat7

```

+-----+-----+
| Field      | Value                                     |
+-----+-----+
| checksum   | 0bfff47b55a9428c83d2235da9d470de       |
| container_format | bare                                     |
| created_at  | 2017-02-07T18:28:31Z                    |
| disk_format | qcow2                                    |
| file       | /v2/images/0877e51b-d600-4a38-9517-3b16b68e11e8/file |
| id         | 0877e51b-d600-4a38-9517-3b16b68e11e8   |
| min_disk   | 0                                         |
| min_ram    | 0                                         |
| name       | RedHat7                                  |
| owner      | fcd99f1ae2ad4ba3a1be73286cd50f03      |
| properties | description='Red Hat 7.3 Server Image',  |
|            | direct_url='rbd://8d8c10c9-17af-4204-9f62-59a64eb9a18d/images/0877e51b-d600-4a38-9517-3b16b68e11e8/snap', |
|            | locations=['url':                          |
|            | 'rbd://8d8c10c9-17af-4204-9f62-59a64eb9a18d/images/0877e51b-d600-4a38-9517-3b16b68e11e8/snap', 'metadata': |
|            | {}]                                       |
| protected  | False                                    |
| schema     | /v2/schemas/image                       |
| size       | 562851840                                |
| status     | active                                    |
| tags       |                                           |
| updated_at | 2017-02-07T18:28:40Z                    |
| virtual_size | None                                     |
| visibility | public                                    |
+-----+-----+

```

Ok, some of the import information here is size, name so..

openstack image show RedHat7 -c name -c size

```

+-----+-----+
| Field | Value |
+-----+-----+
| name  | RedHat7 |
| size  | 562851840 |
+-----+-----+

```

(size in bytes)

So the '-c <name>' in the context of listing objects you get specific columns

When you use the '-c' switch in the context of 'showing' details of a specific image you get the field and its value