Cloud Application Development

Lab 5: CLI Glance

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Glance Commands: -


```
[root@localhost ~(keystone_admin)]# openstack nilesh
openstack: 'nilesh' is not an openstack command. See 'openstack --help'.
Did you mean one of these?
  access token create
[root@localhost ~(keystone_admin)]# _
```

```
[root@localhost ~]# source keystonerc_admin
[root@localhost ~(keystone_admin)]#
```

```
[root@localhost ~(keystone_admin)]# openstack command list | grep openstack.image -A 30
| openstack.image.v2     | image add project             |
|                        | image create                  |
|                        | image delete                  |
|                        | image list                    |
|                        | image member list             |
|                        | image remove project          |
|                        | image save                    |
|                        | image set                     |
|                        | image show                    |
|                        | image unset                   |
| openstack.key_manager.v1 | acl delete                  |
|                        | acl get                       |
|                        | acl submit                    |
|                        | acl user add                  |
|                        | acl user remove               |
|                        | ca get                        |
|                        | ca list                       |
|                        | secret container create       |
|                        | secret container delete       |
|                        | secret container get          |
|                        | secret container list         |
|                        | secret delete                 |
|                        | secret get                    |
|                        | secret list                   |
|                        | secret order create           |
|                        | secret order delete           |
|                        | secret order get              |
|                        | secret order list             |
|                        | secret store                  |
|                        | secret update                 |
| openstack.load_balancer.v2 | loadbalancer amphora configure |
[root@localhost ~(keystone_admin)]#
```

```
[root@localhost ~(keystone_admin)]# openstack image list

^CTraceback (most recent call last):
  File "/bin/openstack", line 10, in <module>
    sys.exit(main())
  File "/usr/lib/python2.7/site-packages/openstackclient/shell.py", line 179, in main
    return OpenStackShell().run(argv)
  File "/usr/lib/python2.7/site-packages/osc_lib/shell.py", line 136, in run
    ret_val = super(OpenStackShell, self).run(argv)
  File "/usr/lib/python2.7/site-packages/cliff/app.py", line 281, in run
    result = self.run_subcommand(remainder)
  File "/usr/lib/python2.7/site-packages/osc_lib/shell.py", line 176, in run_subcommand
    ret_value = super(OpenStackShell, self).run_subcommand(argv)
  File "/usr/lib/python2.7/site-packages/cliff/app.py", line 401, in run_subcommand
    result = cmd.run(parsed_args)
  File "/usr/lib/python2.7/site-packages/osc_lib/command/command.py", line 41, in run
    return super(Command, self).run(parsed_args)
  File "/usr/lib/python2.7/site-packages/cliff/display.py", line 116, in run
    column_names, data = self.take_action(parsed_args)
  File "/usr/lib/python2.7/site-packages/openstackclient/image/v2/image.py", line 634, in take_actio
n
    page = image_client.api.image_list(marker=marker, **kwargs)
  File "/usr/lib/python2.7/site-packages/openstackclient/api/image_v2.py", line 79, in image_list
    return self.list(url, **filter)['images']
  File "/usr/lib/python2.7/site-packages/openstackclient/api/api.py", line 196, in list
    params=params,
  File "/usr/lib/python2.7/site-packages/openstackclient/api/api.py", line 84, in _request
    return session.request(url, method, **kwargs)
  File "/usr/lib/python2.7/site-packages/keystoneauth1/session.py", line 906, in request

_
```

```
[root@localhost ~(keystone_admin)]# curl -o /root/cirros-0.3.4.img http://download.cirros-cloud.net/
0.3.4-x86_64-disk.img
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100   315  100   315    0     0    293      0  0:00:01  0:00:01 --:--:--   293
[root@localhost ~(keystone_admin)]# _
```

```
[root@localhost ~(keystone_admin)]# curl -o /root/cirros-0.3.4.img http://download.cirros-cloud.net/
0.3.4-x86_64-disk.img
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100   315  100   315    0     0    293      0  0:00:01  0:00:01 --:--:--   293
[root@localhost ~(keystone_admin)]# ls
anaconda-ks.cfg  cirros-0.3.4.img  keystonerc_admin  packstack-answers-20230428-000301.txt
[root@localhost ~(keystone_admin)]#
```

```
[root@localhost ~(keystone_admin)]# openstack image create --min-disk 1 --disk-format qcow2 --file /
root/cirros-0.3.4.img cirros
```

```
| name           | cirros
                 |
| owner          | d1561f6f0a6e412c9c02f55476996c4c
                 |
| properties     | os_hash_algo='sha512', os_hash_value='42e53d96e5961e95b7a984d9c9778a1d3bd8ee0c8
7b8b3b515fa31f67c2d073c8565afc2f4b962c43668c4efa1e478da9bb0ecffa79479c7e880731bc4c55765', os_hidden=
'False' |
| protected      | False
                 |
| schema         | /v2/schemas/image
                 |
| size           | 315
                 |
| status         | active
                 |
| tags           |
                 |
| updated_at     | 2023-04-27T19:20:44Z
                 |
| virtual_size   | None
                 |
| visibility     | shared
                 |
+----------------+----------------------------------------------------------------------------------
--------------------------------------------------------------------------------------------------
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[root@localhost ~(keystone_admin)]#
```

```
[root@localhost ~(keystone_admin)]# openstack image list
+--------------------------------------+--------+--------+
| ID                                   | Name   | Status |
+--------------------------------------+--------+--------+
| 5f030ee8-323b-428d-94fe-b6811e8bdbbb | cirros | active |
+--------------------------------------+--------+--------+
[root@localhost ~(keystone_admin)]#
```

```
[root@localhost ~(keystone_admin)]# openstack image delete cirros
[root@localhost ~(keystone_admin)]# openstack image list

[root@localhost ~(keystone_admin)]# _
```