

> sudo upgrade |

Python Sample Code

OpenStack Remote Lab Link:

www.sudoupgrade.com/openstack

Register Here: <http://sudoupgrade.com/PythonForNetworkEngineers/registration.html>

Youtube Channel: <https://www.youtube.com/channel/UCXC9hKSokpcKKNWat-z4MPA>

KEYSTONE REQUESTING TOKEN

```
import requests
url = "http://openstack.sudoupgrade.com:1337/v3/auth/tokens"

payload =
"{\"auth\":{\"identity\":{\"methods\":[\"password\"],\"password\":{\"user\":{\"name\":\"YOUR-USER-NAME\",\"domain\":{\"name\":\"YOUR-DOMAIN\"}},\"password\":\"YOUR-PASSWORD\"}}}}}"

headers = {'Content-Type':'application/json'}
response = requests.request("POST", url, headers=headers, data = payload)

print(response.text.encode('utf8'))
print(response.headers)
```

GLANCE REQUESTING IMAGES

```
import requests
url = "http://openstack.sudoupgrade.com:1338/v2/images"
payload = {}
headers = {'X-Auth-Token':'INSERT-YOUR-TOKEN-HERE'}
response = requests.request("GET", url, headers=headers, data = payload)

print(response.text.encode('utf8'))
```

KEYSTONE & GLANCE ENDPOINT URI

Postman:

Keystone: <http://openstack.sudoupgrade.com:1337/v3/auth/tokens>

Glance: <http://openstack.sudoupgrade.com:1338/v2/images>

www.sudoupgrade.com