

KUBERNETES HELM

```
(t297) Setup Kubernetes on x | Drafts (28) : oslofilterbar | Create Your First Chart x | Connect to instance [EC2] x | i-0f6e1bd350342772 | EC2 x | New Tab x | + - - -
```

```
< > C ap-south-1.console.aws.amazon.com/ec2/v2/connect/ubuntu/i-0f6e1bd350342772
```

```
[Apps] [Gmail] [YouTube] [Maps] [Dashboard - Ralph...] [Remove Powered b...] [Happy New Year (2...]
```

```
| 662 kB 30.4 MB/s
```

```
Requirement already satisfied: requests in /usr/lib/python3/dist-packages (from kubernetes) (2.22.0)
```

```
Requirement already satisfied: urllib3>=1.24.2 in /usr/lib/python3/dist-packages (from kubernetes) (1.25.8)
```

```
Collecting python-dateutil<=2.5.3
```

```
  Downloading python_dateutil-2.8.2-py2.py3-none-any.whl (247 kB)
```

```
    | 247 kB 31.4 MB/s
```

```
Requirement already satisfied: six>=1.9.0 in /usr/lib/python3/dist-packages (from kubernetes) (1.14.0)
```

```
Collecting requests-oauthlib
```

```
  Downloading requests_oauthlib-1.3.0-py2.py3-none-any.whl (23 kB)
```

```
Collecting websocket-client!=0.40.0,!0.41.*,!0.42.*,>=0.32.0
```

```
  Downloading websocket_client-1.2.1-py2.py3-none-any.whl (52 kB)
```

```
    | 52 kB 2.4 MB/s
```

```
Collecting google-auth==1.0.1
```

```
  Downloading google_auth-2.1.0-py2.py3-none-any.whl (153 kB)
```

```
    | 153 kB 34.0 MB/s
```

```
Requirement already satisfied: setuptools==21.0.0 in /usr/lib/python3/dist-packages (from kubernetes) (45.2.0)
```

```
Requirement already satisfied: oauthlib==3.0.0 in /usr/lib/python3/dist-packages (from requests-oauthlib->kubernetes) (3.1.0)
```

```
Collecting cachetools<5.0,>=2.0.0
```

```
  Downloading cachetools-4.2.2-py3-none-any.whl (11 kB)
```

```
Collecting rsa<5,>=3.1.4
```

```
  Downloading rsa-4.7.2-py3-none-any.whl (34 kB)
```

```
Requirement already satisfied: pyasn1-modules>=0.2.1 in /usr/lib/python3/dist-packages (from google-auth==1.0.1->kubernetes) (0.2.1)
```

```
Requirement already satisfied: pyasn1>=0.1.3 in /usr/lib/python3/dist-packages (from rsa<5,>=3.1.4->google-auth==1.0.1->kubernetes) (0.4.2)
```

```
Installing collected packages: pyyaml, python-dateutil, requests-oauthlib, websocket-client, cachetools, rsa, google-auth, kubernetes
```

```
WARNING: The scripts pyrsa-decrypt, pyrsa-encrypt, pyrsa-keygen, pyrsa-priv2pub, pyrsa-sign and pyrsa-verify are installed in '/home/ubuntu/.local/bin' which is not on PATH.
```

```
Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
```

```
Successfully installed cachetools-4.2.2 google-auth-2.1.0 kubernetes-18.20.0 python-dateutil-2.8.2 pyyaml-5.4.1 requests-oauthlib-1.3.0 rsa-4.7.2 websocket-client-1.2.1
```

```
ubuntu@ip-172-31-4-4:~$
```

i-00fe1bd3503f24772

Public IPs: 3.109.202.178 Private IPs: 172.31.4.4

```
k8helm1.pcm | k8helm.pcm | MobaTerm_install...zip | DevOps1.pcm |
(1297) Setup Kubern... | Drafts (38) - ossfof... | Create Your First H... | Get Started with B... | Connect to instanc... | i-00fe1bd35032472 | DevOpsDemos/k8... | Install Minikube | x | + | - | [ ] | x
← → C | ap-south-1.console.aws.amazon.com/ec2/v2/connect/ubuntu/i-00fe1bd350324722
[ ] Apps [ ] Gmail [ ] YouTube [ ] Maps [ ] Dashboard - Ralph... [ ] Remove Powered B... [ ] Happy New Year (2...
[ ] Reading list

Reading state information... Done
E: Unable to locate package brew
ubuntu@ip-172-31-4-4:~$ sudo mkdir -p /usr/local/bin/
ubuntu@ip-172-31-4-4:~$ sudo install minikube /usr/local/bin/
install: cannot stat 'minikube': No such file or directory
ubuntu@ip-172-31-4-4:~$ curl -Lo minikube https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64 \
> && chmod +x minikube
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total     Spent    Left     Speed
100 65.8M  100 65.8M    0     0  65.3M      0  0:00:01  0:00:01 --:--:-- 65.3M
ubuntu@ip-172-31-4-4:~$ minikube start
/usr/local/bin/minikube: line 1: syntax error near unexpected token '<'
/usr/local/bin/minikube: line 1: '<?xml version='1.0' encoding='UTF-8'><Error><Code>NoSuchKey</Code><Message>The specified key does not exist.</Message><Details>No such object: minikube/releases/latest/minikube-linux-amd64</Details></Error>'
ubuntu@ip-172-31-4-4:~$ minikube <start>
-bash: syntax error near unexpected token 'newline'
ubuntu@ip-172-31-4-4:~$ curl -Lo minikube https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64 \
>
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total     Spent    Left     Speed
100 65.8M  100 65.8M    0     0  66.9M      0  0:00:01  0:00:01 --:--:-- 66.8M
ubuntu@ip-172-31-4-4:~$ sudo mkdir -p /usr/local/bin/
ubuntu@ip-172-31-4-4:~$ curl -Lo minikube https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64 \
> && chmod +x minikube
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total     Spent    Left     Speed
100 65.8M  100 65.8M    0     0  53.7M      0  0:00:01  0:00:01 --:--:-- 53.6M
ubuntu@ip-172-31-4-4:~$ sudo install minikube /usr/local/bin/
ubuntu@ip-172-31-4-4:~$ minikube start
* minikube v1.23.2 on Ubuntu 20.04 (xen/amd64)
```

i-00fe1bd3503f24772

Public IPs: 3.109.202.178 Private IPs: 172.31.4.4

```
(1297) Setup Kube: x | Drafts (38) - ossoft... x | Create Your First H... x | Get Started with B... x | Connect to instanc... x | i-00fe1bd3503f24772 x | DevOpsDemos/k8... x | Install Minikube | x | + | - | x | x |
ap-south-1.console.aws.amazon.com/ec2/v2/connect/ubuntu/i-00fe1bd3503f24772
FileNotFoundError: [Errno 2] No such file or directory: 'requirements.txt'
-----
ERROR: Command errored out with exit status 1: python setup.py egg_info Check the logs for full command output.
ubuntu@ip-172-31-4-4:~$ sudo apt-get install brew
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package brew
ubuntu@ip-172-31-4-4:~$ snap install brew
error: access denied (try with sudo)
ubuntu@ip-172-31-4-4:~$ brew install helm

Command 'brew' not found, did you mean:

  command 'qbrew' from deb qbrew (0.4.1-8build1)
  command 'brec' from deb bplay (0.991-10build1)

Try: sudo apt install <deb name>

ubuntu@ip-172-31-4-4:~$ pip install helm
Collecting helm
  Downloading helm-0.4.tar.bz2 (23 kB)
Building wheels for collected packages: helm
  Building wheel for helm (setup.py) ... done
  Created wheel for helm: filename=helm-0.4-py3-none-any.whl size=36943 sha256=7431145e4a7a1371e9aa308b75bfdb25095be8c98ed684c24f7202b2918f3408
  Stored in directory: /home/ubuntu/.cache/pip/wheels/3d/3a/48/437a0be219e47fd5438e7a5a00fd10f03627d969728bffa91
Successfully built helm
Installing collected packages: helm
Successfully installed helm-0.4
ubuntu@ip-172-31-4-4:~$
```

i-00fe1bd3503f24772

Public IPs: 3.109.202.178 Private IPs: 172.31.4.4

```
k8helm1.pem ^ | k8helm.pem ^ | MobaxTerm_Install...zip ^ | Devops1.pem ^ | Show all x
(1297) Setup Kube: x | Drafts (38) - ossoft... x | Create Your First H... x | Get Started with B... x | Connect to instanc... x | i-00fe1bd3503f24772 x | DevOpsDemos/k8... x | Install Minikube | x | + | - | x | x |
ap-south-1.console.aws.amazon.com/ec2/v2/connect/ubuntu/i-00fe1bd3503f24772
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for mime-support (3.64ubuntu1) ...
ubuntu@ip-172-31-4-4:~$ sudo apt update python
E: The update command takes no arguments
ubuntu@ip-172-31-4-4:~$ sudo apt-get update
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu focal InRelease [265 kB]
Get:2 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu focal-backports InRelease [101 kB]
Fetched 593 kB in 1s (417 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-4-4:~$ python --version
Python 2.7.18
ubuntu@ip-172-31-4-4:~$ helm repo add bitnami https://charts.bitnami.com/bitnami
Traceback (most recent call last):
  File "/home/ubuntu/.local/bin/helm", line 24, in <module>
    import glib
  File "/home/ubuntu/.local/lib/python3.8/site-packages/glib/__init__.py", line 1, in <module>
    from PyQt5 import QtWidgets
ImportError: libGL.so.1: cannot open shared object file: No such file or directory
ubuntu@ip-172-31-4-4:~$ helm install redis bitnami/redis
Traceback (most recent call last):
  File "/home/ubuntu/.local/bin/helm", line 24, in <module>
    import glib
  File "/home/ubuntu/.local/lib/python3.8/site-packages/glib/__init__.py", line 1, in <module>
    from PyQt5 import QtWidgets
ImportError: libGL.so.1: cannot open shared object file: No such file or directory
ubuntu@ip-172-31-4-4:~$ kubectrl proxy
Starting to serve on 127.0.0.1:8001
```

i-00fe1bd3503f24772

Public IPs: 3.109.202.178 Private IPs: 172.31.4.4

k8helm1.pem ^ | k8helm.pem ^ | MobaxTerm_Install...zip ^ | Devops1.pem ^ | Show all x