

pip(python package manager)	Local Repository		3
			3
			4
SSL	Error		5
			5
			5
			5

pip(python package manager)

Repository

Local

```
pip                                DownLoad      -      (EPEL Repository      )

• pip                                python-pip      (      epel Repository
      . )
```

```
# yum install python-pip bzip2 -y
```

```
=====
Package Arch Version Repository Size
=====
```

```
Installing:
```

```
python2-pip noarch 8.1.2-5.el7 epel 1.7 M
```

```
Installing for dependencies:
```

```
python-backports x86_64 1.0-8.el7 base 5.8 k
```

```
python-backports-ssl_match_hostname noarch 3.4.0.2-4.el7 base 12 k
```

```
python-setuptools noarch 0.9.8-7.el7 base 397 k
```

```
Transaction Summary
```

```
• pip pip2pi setuptools
```

```
# pip install -U pip pip2pi setuptools
```

```
• /var/www/html      kolla-ansible      (
      . )
```

```
# pip install --download /var/www/html kolla-ansible      # python3.9
```

```
# pip download -d /var/www/html kolla-ansible      # python3.11
```

```
kolla-ansible netaddr six setuptools pbr Jinja2 oslo.utils PyYAML
```

```
oslo.config docker cryptography MarkupSafe pytz pyparsing debtcollector
```

```
iso8601 funcsigns oslo.i18n netifaces monotonic stevedore rfc3986
```

```
backports.ssl-match-hostname docker-pycreds requests ipaddress websocket-
```

```
client cffi enum34 asn1crypto idna wrapt Babel certifi chardet urllib3
```

```
pyparser
```

- /var/ww/html DB (createrepo)

```
# dir2pi /var/www/html/
```

•

```
# cd /var/www/html
# tar cvjfp pip_backup.tgz *
```

pip -

- pip python-pip (epel Repository .)

```
# yum install python-pip -y
```

```
=====
=====
=====
Package Arch Version Repository Size
=====
=====
=====
Installing:
python2-pip noarch 8.1.2-5.el7 epel 1.7 M
Installing for dependencies:
python-backports x86_64 1.0-8.el7 base 5.8 k
python-backports-ssl_match_hostname noarch 3.4.0.2-4.el7 base 12 k
python-setuptools noarch 0.9.8-7.el7 base 397 k

Transaction Summary
=====
=====
=====
```

•

```
# cd /var/www/html
# tar xvjfp pip_backup.tgz
```

- \${HOME}/.pip/pip.conf .

```
# vi ${HOME}/.pip/pip.conf

[global]
index-url = http://your.domain.lan/pip/simple
index-url = file:///var/www/html/simple
```

SSL Error

pip repository SSL 가 HTTPS 가 HTTP

The repository located at repository is not a trusted or secure host and is being ignored. If this repository is available via HTTPS it is recommended to use HTTPS instead, otherwise you may silence this warning and allow it anyways with '--trusted-host repository'.

- --trusted-host

```
$ pip install --trusted-host pypi.python.org --trusted-host
files.pythonhosted.org --trusted-host pypi.org

#

$ python3 -m pip install --trusted-host pypi.python.org --trusted-host
files.pythonhosted.org --trusted-host pypi.org
```

- ~/.pip/pip.conf

```
[global]
trusted-Host = pypi.python.org
               pypi.org
               files.pythonhosted.org
```

- <https://blog.seabow.pe.kr/?p=7505>
- <https://medium.com/@vando/creating-an-small-local-yum-and-pip-repository-f04ff08c144f>
- <http://hwengineer.blogspot.com/2018/10/python-local-private-repository.html>
- <https://waspro.tistory.com/559>

- <https://www.jungyin.com/305>
- <http://melonicedlatte.com/2020/08/12/082300.html>

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