

Python

Install Python 3.6 Software Collection

```
$ sudo yum install rh-python36  
  
$ scl enable rh-python36 bash
```

PyPi Mirroring - Devpi Server

```
$ mkdir /srv/www/devpi/ && mkdir /srv/www/devpi/data/ && cd /srv/www/devpi  
$ virtualenv env  
$ ./env/bin/pip install -q -U devpi-server  
  
$ devpi-server --port 4040 --serverdir ./data/ --gen-config  
  
$ cp gen-config/devpi.service /etc/systemd/system/.  
$ mkdir /etc/systemd/system/devpi.service.d  
$ cat <<EOF >/etc/systemd/system/devpi.service.d/custom.conf  
[Service]  
Environment=http_proxy=http://165.143.130.30:3128/  
Environment=https_proxy=http://165.143.130.30:3128/  
EOF  
  
$ sudo systemctl daemon-reload  
$ systemctl restart devpi.service  
  
$ cat /etc/httpd/conf.d/devpi.conf  
<VirtualHost 10.225.61.125:80>  
    ServerName pip.telkom.co.za  
  
    ServerAdmin webmaster@localhost  
    DocumentRoot /var/www/devpi  
  
    ErrorLog /var/log/httpd/devpi_error.log  
    CustomLog /var/log/httpd/devpi_access.log combined  
  
    #RequestHeader set X-outside-url "http://192.168.111.19"  
    #RequestHeader set X-Real-IP "192.168.111.19"  
    ProxyPass / "http://localhost:4040/"  
    ProxyPassReverse / "http://localhost:4040/"  
    <Directory /var/www/devpi>  
        Options +Includes  
    </Directory>  
</VirtualHost>  
  
$ systemctl reload httpd
```

Add the following entries to the ~/.pip/pip.conf or pip.conf in your virtualenv on the client side.

```
[global]
index-url = https://devpi.server.co.za/root/pypi/+simple/
trusted-host = devpi.server.co.za

[search]
index = https://devpi.server.co.za/root/pypi/
trusted-host = devpi.server.co.za

[easy_install]
index_url = http://devpi.server.co.za/root/pypi/+simple/
```

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