

Installing Anaconda On Linux

```
cd /opt
```

```
wget http://repo.continuum.io/archive/Anaconda3-4.0.0-Linux-x86_64.sh
```

```
[root@edgenode bin]# cd /opt/
[root@edgenode opt]# wget http://repo.continuum.io/archive/Anaconda3-4.0.0-Linux-x86_64.sh
--2018-02-16 16:43:57-- http://repo.continuum.io/archive/Anaconda3-4.0.0-Linux-x86_64.sh
Resolving repo.continuum.io... 104.16.19.10, 104.16.18.10, 2400:cb00:2048:1::6810:130a, ...
Connecting to repo.continuum.io|104.16.19.10|:80... connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://repo.continuum.io/archive/Anaconda3-4.0.0-Linux-x86_64.sh [following]
--2018-02-16 16:43:57-- https://repo.continuum.io/archive/Anaconda3-4.0.0-Linux-x86_64.sh
Connecting to repo.continuum.io|104.16.19.10|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 417798602 (398M) [application/x-sh]
Saving to: 'Anaconda3-4.0.0-Linux-x86_64.sh'

100%[=====>] 417,798,602 12.4M/s in 33s

2018-02-16 16:44:30 (12.3 MB/s) - 'Anaconda3-4.0.0-Linux-x86_64.sh'

[root@edgenode opt]#
```

```
bash Anaconda3-4.0.0-Linux-x86_64.sh
```

```
[root@edgenode opt]# bash Anaconda3-4.0.0-Linux-x86_64.sh

Welcome to Anaconda3 4.0.0 (by Continuum Analytics, Inc.)

In order to continue the installation process, please review the license agreement.
Please, press ENTER to continue
>>>
```

```
cryptography:
```

```
openssl
```

```
The OpenSSL Project is a collaborative effort to develop a robust, commercial-grade, full-featured, and Open Source toolkit implementing the Transport Layer Security (TLS) and Secure Sockets Layer (SSL) protocols as well as a full-strength general purpose cryptography library.
```

```
pycrypto
```

```
A collection of both secure hash functions (such as SHA256 and RIPEMD160), and various encryption algorithms (AES, DES, RSA, ElGamal, etc.).
```

```
pyopenssl
```

```
A thin Python wrapper around (a subset of) the OpenSSL library.
```

```
kerberos (krb5, non-Windows platforms)
```

```
A network authentication protocol designed to provide strong authentication for client/server applications by using secret-key cryptography.
```

```
cryptography
```

```
A Python library which exposes cryptographic recipes and primitives.
```

```
Do you approve the license terms? [yes|no]
```

```
>>>
```

```
Please answer 'yes' or 'no':
```

```
>>> yes
```

```
Anaconda3 will now be installed into this location:
```

```
/root/anaconda3
```

- Press ENTER to confirm the location
- Press CTRL-C to abort the installation
- Or specify a different location below

```
[/root/anaconda3] >>> /usr/lib/anaconda3
```

```
installing: libxslt-1.1.28-0 ...
installing: llvmlite-0.9.0-py35_0 ...
installing: locket-0.2.0-py35_0 ...
installing: lxml-3.6.0-py35_0 ...
installing: markupsafe-0.23-py35_0 ...
installing: matplotlib-1.5.1-np110py35_0 ...
installing: mistune-0.7.2-py35_0 ...
installing: mkl-11.3.1-0 ...
installing: mkl-service-1.1.2-py35_0 ...
installing: mpmath-0.19-py35_0 ...
installing: multipledispatch-0.4.8-py35_0 ...
installing: nbconvert-4.1.0-py35_0 ...
installing: nbformat-4.0.1-py35_0 ...
installing: networkx-1.11-py35_0 ...
installing: nltk-3.2-py35_0 ...
installing: nose-1.3.7-py35_0 ...
installing: notebook-4.1.0-py35_1 ...
installing: numba-0.24.0-np110py35_0 ...
installing: numexpr-2.5-np110py35_0 ...
installing: numpy-1.10.4-py35_1 ...
installing: odo-0.4.2-py35_0 ...
installing: openpyxl-2.3.2-py35_0 ...
installing: openssl-1.0.2g-0 ...
```

```
Python 3.5.1 :: Continuum Analytics, Inc.
creating default environment...
installation finished.
Do you wish the installer to prepend the Anaconda3 install location
to PATH in your /root/.bashrc ? [yes|no]
[no] >>> yes

Prepending PATH=/usr/lib/anaconda3/bin to PATH in /root/.bashrc
A backup will be made to: /root/.bashrc-anaconda3.bak

For this change to become active, you have to open a new terminal.

Thank you for installing Anaconda3!

Share your notebooks and packages on Anaconda Cloud!
Sign up for free: https://anaconda.org

[root@edgenode opt]#
```

Testing Anaconda installation

```
[root@edgenode opt]# . /root/.bashrc
[root@edgenode opt]# conda list
# packages in environment at /usr/lib/anaconda3:
#
alabaster                0.7.7                py35_0
anaconda                  4.0.0                np110py35_0
anaconda-client           1.4.0                py35_0
anaconda-navigator        1.1.0                py35_0
argcomplete               1.0.0                py35_1
astropy                   1.1.2                np110py35_0
babel                     2.2.0                py35_0
beautifulsoup4            4.4.1                py35_0
bitarray                  0.8.1                py35_0
blaze                     0.9.1                py35_0
bokeh                     0.11.1               py35_0
boto                      2.39.0               py35_0
bottleneck                1.0.0                np110py35_0
cffi                      1.5.2                py35_0
chest                     0.2.3                py35_0
cloudpickle               0.1.1                py35_0
clyent                    1.2.1                py35_0
colorama                  0.3.7                py35_0
conda                     4.0.5                py35_0
conda-build               1.20.0               py35_0
```

```
[root@edgenode opt]# conda list python
# packages in environment at /usr/lib/anaconda3:
#
dynd-python              0.7.2                py35_0
ipython                  4.1.2                py35_1
ipython-genutils         0.1.0                <pip>
ipython_genutils         0.1.0                py35_0
python                   3.5.1                0
python-dateutil          2.5.1                py35_0
[root@edgenode opt]# █
```