

Python(dependency)

wget <https://www.python.org/ftp/python/3.8.12/Python-3.8.12.tgz>

Extract the package.

```
tar xvf Python-3.8.12.tgz
Change the created directory:
cd Python-3.8*/
Setup installation by running the configure script.
./configure --enable-optimizations
Initiate compilation of Python 3.8 on CentOS 7.
sudo make altinstall
```

If this was successful, you should get a message like below:

```
.....
copying build/scripts-3.8/pydoc3.8 -> /usr/local/bin
copying build/scripts-3.8/idle3.8 -> /usr/local/bin
copying build/scripts-3.8/2to3-3.8 -> /usr/local/bin
changing mode of /usr/local/bin/pydoc3.8 to 755
changing mode of /usr/local/bin/idle3.8 to 755
changing mode of /usr/local/bin/2to3-3.8 to 755
rm /usr/local/lib/python3.8/lib-dynload/_sysconfigdata__linux_x86_64-linux-
gnu.py
rm -r /usr/local/lib/python3.8/lib-dynload/_pycache__
/usr/bin/install -c -m 644 ./Misc/python.man \
    /usr/local/share/man/man1/python3.8.1
if test "xupgrade" != "xno" ; then \
    case upgrade in \
        upgrade) ensurepip="--altinstall --upgrade" ;; \
        install|*) ensurepip="--altinstall" ;; \
    esac; \
    ./python -E -m ensurepip \
        $ensurepip --root=/ ; \
fi
Looking in links: /tmp/tmpy9yqf1bp
Collecting setuptools
Collecting pip
Installing collected packages: setuptools, pip
Successfully installed pip-19.2.3 setuptools-41.2.0
```

Confirm that the installation of Python 3.8 on CentOS 8 / CentOS 7 was successful.

```
python3.8 -version
```

Pip is also installed.

```
pip3.8 --version
```