

```
tangcw@Tangs-MacBook-Pro cysecuretools-release-v3.1.0 % sudo pip3
install -U cysecuretools
Password:
WARNING: The directory '/Users/tangcw/Library/Caches/pip' or its
parent directory is not owned or is not writable by the current
user. The cache has been disabled. Check the permissions and owner
of that directory. If executing pip with sudo, you should use sudo's
-H flag.
Collecting cysecuretools
  Downloading cysecuretools-3.1.0-py3-none-any.whl (679 kB)
    ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 679.6/679.6 KB 10.2
MB/s eta 0:00:00
Collecting click==7.1.2
  Downloading click-7.1.2-py2.py3-none-any.whl (82 kB)
    ━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 82.8/82.8 KB 10.1 MB/s
eta 0:00:00
Collecting psutil==5.7.2
  Downloading psutil-5.7.2.tar.gz (460 kB)
    ━━━━━━━━━━━━━━━━ 460.2/460.2 KB 17.4
MB/s eta 0:00:00
  Preparing metadata (setup.py) ... done
Requirement already satisfied: setuptools==50.3.2 in /Library/
Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-
packages (from cysecuretools) (50.3.2)
Collecting pyocd==0.27.3
  Downloading pyocd-0.27.3-py2.py3-none-any.whl (7.7 MB)
    ━━━━━━━━━━━━━━━━ 7.7/7.7 MB 10.3 MB/s
eta 0:00:00
Collecting cryptography==3.3.2
  Downloading cryptography-3.3.2.tar.gz (539 kB)
    ━━━━━━━━━━━━━━ 539.9/539.9 KB 12.1
MB/s eta 0:00:00
  Installing build dependencies ... done
  Getting requirements to build wheel ... done
  Preparing metadata (pyproject.toml) ... done
Requirement already satisfied: intelhex==2.3.0 in /Library/
Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-
packages (from cysecuretools) (2.3.0)
Requirement already satisfied: cbor==1.0.0 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
cysecuretools) (1.0.0)
Collecting packaging==20.9
  Downloading packaging-20.9-py2.py3-none-any.whl (40 kB)
    ━━━━━━━━━━━━━━ 40.9/40.9 KB 8.5 MB/s
eta 0:00:00
Collecting python-jose==3.2.0
  Downloading python_jose-3.2.0-py2.py3-none-any.whl (26 kB)
Collecting jsonschema==3.2.0
  Downloading jsonschema-3.2.0-py2.py3-none-any.whl (56 kB)
    ━━━━━━━━━━━━━━ 56.3/56.3 KB 10.1 MB/s
eta 0:00:00
Requirement already satisfied: six>=1.4.1 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
cryptography==3.3.2->cysecuretools) (1.16.0)
```

```
Requirement already satisfied: cffi>=1.12 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
cryptography==3.3.2->cysecuretools) (1.15.0)
Collecting attrs>=17.4.0
  Downloading attrs-21.4.0-py2.py3-none-any.whl (60 kB)
    eta 0:00:00
  Collecting pyrsistent>=0.14.0
    Downloading pyrsistent-0.18.1-cp310-cp310-
macosx_10_9_universal2.whl (81 kB)
    eta 0:00:00
  Collecting pyparsing>=2.0.2
    Downloading pyparsing-3.0.7-py3-none-any.whl (98 kB)
    eta 0:00:00
  Collecting pyusb<2.0,>=1.0.0b2
    Downloading pyusb-1.2.1-py3-none-any.whl (58 kB)
    eta 0:00:00
  Collecting colorama
    Downloading colorama-0.4.4-py2.py3-none-any.whl (16 kB)
  Collecting intervaltree<4.0,>=3.0.2
    Downloading intervaltree-3.1.0.tar.gz (32 kB)
    Preparing metadata (setup.py) ... done
Requirement already satisfied: pyelftools in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
pyocd==0.27.3->cysecuretools) (0.28)
Collecting pyyaml<6.0,>=5.1
  Downloading PyYAML-5.4.1.tar.gz (175 kB)
    eta 0:00:00
  Installing build dependencies ... done
  Getting requirements to build wheel ... done
  Preparing metadata (pyproject.toml) ... done
  Collecting prettytable
    Downloading prettytable-3.2.0-py3-none-any.whl (26 kB)
  Collecting hidapi
    Downloading hidapi-0.11.0.post2.tar.gz (136 kB)
    eta 0:00:00
    Preparing metadata (setup.py) ... done
Requirement already satisfied: cmsis-pack-manager>=0.2.7 in /
Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/
site-packages (from pyocd==0.27.3->cysecuretools) (0.4.0)
Collecting pylink-square
  Downloading pylink_square-0.11.1-py2.py3-none-any.whl (78 kB)
    eta 0:00:00
  Collecting ecdsa<0.15
    Downloading ecdsa-0.14.1-py2.py3-none-any.whl (79 kB)
    eta 0:00:00
Requirement already satisfied: rsa in /Library/Frameworks/
```

```
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
python-jose==3.2.0->cysecuretools) (4.8)
Requirement already satisfied: pyasn1 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
python-jose==3.2.0->cysecuretools) (0.4.8)
Requirement already satisfied: pycparser in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
cffi>=1.12->cryptography==3.3.2->cysecuretools) (2.21)
Collecting cmsis-pack-manager>=0.2.7
  Downloading cmsis-pack-manager-0.3.0.tar.gz (42 kB)
    ━━━━━━━━━━━━━━━━ 43.0/43.0 KB 12.6 MB/s
eta 0:00:00
  Installing build dependencies ... done
  Getting requirements to build wheel ... done
  Preparing metadata (pyproject.toml) ... done
Requirement already satisfied: appdirs>=1.4 in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
cmsis-pack-manager>=0.2.7->pyocd==0.27.3->cysecuretools) (1.4.4)
Requirement already satisfied: milksnake>=0.1.2 in /Library/
Frameworks/Python.framework/Versions/3.10/lib/python3.10/site-
packages (from cmsis-pack-manager>=0.2.7->pyocd==0.27.3-
>cysecuretools) (0.1.5)
Requirement already satisfied: sortedcontainers<3.0,>=2.0 in /
Library/Frameworks/Python.framework/Versions/3.10/lib/python3.10/
site-packages (from intervaltree<4.0,>=3.0.2->pyocd==0.27.3-
>cysecuretools) (2.4.0)
Requirement already satisfied: wcwidth in /Library/Frameworks/
Python.framework/Versions/3.10/lib/python3.10/site-packages (from
prettytable->pyocd==0.27.3->cysecuretools) (0.2.5)
Collecting future
  Downloading future-0.18.2.tar.gz (829 kB)
    ━━━━━━━━━━━━━━━━ 829.2/829.2 KB 12.3
MB/s eta 0:00:00
  Preparing metadata (setup.py) ... done
Building wheels for collected packages: cryptography, psutil, cmsis-
pack-manager, intervaltree, pyyaml, hidapi, future
  Building wheel for cryptography (pyproject.toml) ... error
error: subprocess-exited-with-error

  × Building wheel for cryptography (pyproject.toml) did not run
successfully.
  └─ exit code: 1
    └─ [152 lines of output]
        running bdist_wheel
        running build
        running build_py
        creating build
        creating build/lib.macosx-10.9-universal2-3.10
        creating build/lib.macosx-10.9-universal2-3.10/cryptography
        copying src/cryptography/__init__.py -> build/lib.macosx-10.9-
universal2-3.10/cryptography
        copying src/cryptography/utils.py -> build/lib.macosx-10.9-
universal2-3.10/cryptography
        copying src/cryptography/_about_.py -> build/
```

```
lib.macosx-10.9-universal2-3.10/cryptography
    copying src/cryptography/exceptions.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography
    copying src/cryptography/fernet.py -> build/lib.macosx-10.9-
universal2-3.10/cryptography
    creating build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat
        copying src/cryptography/hazmat/_der.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/hazmat
        copying src/cryptography/hazmat/__init__.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/hazmat
        copying src/cryptography/hazmat/_oid.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/hazmat
        creating build/lib.macosx-10.9-universal2-3.10/cryptography/
x509
            copying src/cryptography/x509/oid.py -> build/lib.macosx-10.9-
universal2-3.10/cryptography/x509
            copying src/cryptography/x509/ocsp.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/x509
            copying src/cryptography/x509/general_name.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/x509
            copying src/cryptography/x509/__init__.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/x509
            copying src/cryptography/x509/extensions.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/x509
            copying src/cryptography/x509/name.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/x509
            copying src/cryptography/x509/base.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/x509
            copying src/cryptography/x509/certificate_transparency.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/x509
            creating build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/backends
                copying src/cryptography/hazmat/backends/interfaces.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends
                copying src/cryptography/hazmat/backends/__init__.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends
                creating build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives
                    copying src/cryptography/hazmat/primitives/cmac.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/hazmat/primitives
                    copying src/cryptography/hazmat/primitives/__init__.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/primitives
                    copying src/cryptography/hazmat/primitives/poly1305.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/primitives
                    copying src/cryptography/hazmat/primitives/constant_time.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/primitives
                    copying src/cryptography/hazmat/primitives/keywrap.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/primitives
                    copying src/cryptography/hazmat/primitives/hmac.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/hazmat/primitives
                    copying src/cryptography/hazmat/primitives/hashes.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/hazmat/primitives
                    copying src/cryptography/hazmat/primitives/padding.py ->
```

```
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/primitives
    creating build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/bindings
        copying src/cryptography/hazmat/bindings/__init__.py -> build/
lib.macosx-10.9-universal2-3.10/cryptography/hazmat/bindings
        creating build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/backends/openssl
            copying src/cryptography/hazmat/backends/openssl/x448.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/backend.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/ec.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/ciphers.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/ocsp.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/x509.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/aead.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/encode_asn1.py -> build/lib.macosx-10.9-universal2-3.10/
cryptography/hazmat/backends/openssl
            copying src/cryptography/hazmat/backends/openssl/rsa.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/dh.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/cmac.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/__init__.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
backends/openssl
            copying src/cryptography/hazmat/backends/openssl/utils.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/poly1305.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
backends/openssl
            copying src/cryptography/hazmat/backends/openssl/ed25519.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
            copying src/cryptography/hazmat/backends/openssl/dsa.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
```

```
openssl
    copying src/cryptography/hazmat/backends/openssl/
decode_asn1.py -> build/lib.macosx-10.9-universal2-3.10/
cryptography/hazmat/backends/openssl
    copying src/cryptography/hazmat/backends/openssl/hmac.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
    copying src/cryptography/hazmat/backends/openssl/ed448.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
    copying src/cryptography/hazmat/backends/openssl/x25519.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
    copying src/cryptography/hazmat/backends/openssl/hashes.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/backends/
openssl
    creating build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/kdf
    copying src/cryptography/hazmat/primitives/kdf/__init__.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/kdf
    copying src/cryptography/hazmat/primitives/kdf/scrypt.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/kdf
    copying src/cryptography/hazmat/primitives/kdf/pbkdf2.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/kdf
    copying src/cryptography/hazmat/primitives/kdf/hkdf.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/kdf
    copying src/cryptography/hazmat/primitives/kdf/x963kdf.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/kdf
    copying src/cryptography/hazmat/primitives/kdf/kbkdf.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/kdf
    copying src/cryptography/hazmat/primitives/kdf/concatkdf.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/kdf
    creating build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/twofactor
    copying src/cryptography/hazmat/primitives/twofactor/totp.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/twofactor
    copying src/cryptography/hazmat/primitives/twofactor/
__init__.py -> build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/twofactor
    copying src/cryptography/hazmat/primitives/twofactor/hotp.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/twofactor
    copying src/cryptography/hazmat/primitives/twofactor/utils.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/twofactor
    creating build/lib.macosx-10.9-universal2-3.10/cryptography/
```

```
hazmat/primitives/serialization
    copying src/cryptography/hazmat/primitives/serialization/
__init__.py -> build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/serialization
    copying src/cryptography/hazmat/primitives/serialization/
pkcs12.py -> build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/serialization
    copying src/cryptography/hazmat/primitives/serialization/
pkcs7.py -> build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/serialization
    copying src/cryptography/hazmat/primitives/serialization/
ssh.py -> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/serialization
    copying src/cryptography/hazmat/primitives/serialization/
base.py -> build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/serialization
    creating build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/ciphers
    copying src/cryptography/hazmat/primitives/ciphers/
algorithms.py -> build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/ciphers
    copying src/cryptography/hazmat/primitives/ciphers/aead.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/ciphers
    copying src/cryptography/hazmat/primitives/ciphers/__init__.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/ciphers
    copying src/cryptography/hazmat/primitives/ciphers/modes.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/ciphers
    copying src/cryptography/hazmat/primitives/ciphers/base.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/ciphers
    creating build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/asymmetric
    copying src/cryptography/hazmat/primitives/asymmetric/x448.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/asymmetric
    copying src/cryptography/hazmat/primitives/asymmetric/ec.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/asymmetric
    copying src/cryptography/hazmat/primitives/asymmetric/rsa.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/asymmetric
    copying src/cryptography/hazmat/primitives/asymmetric/dh.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/asymmetric
    copying src/cryptography/hazmat/primitives/asymmetric/
__init__.py -> build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/asymmetric
    copying src/cryptography/hazmat/primitives/asymmetric/utils.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/asymmetric
    copying src/cryptography/hazmat/primitives/asymmetric/
```

```
ed25519.py -> build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/asymmetric
    copying src/cryptography/hazmat/primitives/asymmetric/dsa.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/asymmetric
    copying src/cryptography/hazmat/primitives/asymmetric/ed448.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
primitives/asymmetric
    copying src/cryptography/hazmat/primitives/asymmetric/
x25519.py -> build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/asymmetric
    copying src/cryptography/hazmat/primitives/asymmetric/
padding.py -> build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/primitives/asymmetric
    creating build/lib.macosx-10.9-universal2-3.10/cryptography/
hazmat/bindings/openssl
    copying src/cryptography/hazmat/bindings/openssl/__init__.py
-> build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/
bindings/openssl
    copying src/cryptography/hazmat/bindings/openssl/
_conditional.py -> build/lib.macosx-10.9-universal2-3.10/
cryptography/hazmat/bindings/openssl
    copying src/cryptography/hazmat/bindings/openssl/binding.py ->
build/lib.macosx-10.9-universal2-3.10/cryptography/hazmat/bindings/
openssl
    running egg_info
    writing src/cryptography.egg-info/PKG-INFO
    writing dependency_links to src/cryptography.egg-info/
dependency_links.txt
    writing requirements to src/cryptography.egg-info/requirements.txt
    writing top-level names to src/cryptography.egg-info/
top_level.txt
    reading manifest file 'src/cryptography.egg-info/SOURCES.txt'
    reading manifest template 'MANIFEST.in'
    no previously-included directories found matching 'docs/
_build'
    warning: no previously-included files found matching 'vectors'
    warning: no previously-included files matching '*' found under
directory 'vectors'
    warning: no previously-included files matching '*' found under
directory '.github'
    warning: no previously-included files found matching
'release.py'
    warning: no previously-included files found matching
'.coveragerc'
    warning: no previously-included files found matching
'codecov.yml'
    warning: no previously-included files found matching
'.readthedocs.yml'
    warning: no previously-included files found matching
'dev-
requirements.txt'
    warning: no previously-included files found matching
'rtd-
requirements.txt'
    warning: no previously-included files found matching 'tox.ini'
```

```
    warning: no previously-included files matching '*' found under
directory '.zuul.d'
    warning: no previously-included files matching '*' found under
directory '.zuul.playbooks'
        adding license file 'LICENSE'
        adding license file 'LICENSE.APACHE'
        adding license file 'LICENSE.BSD'
        adding license file 'LICENSE.PSF'
        adding license file 'AUTHORS.rst'
        writing manifest file 'src/cryptography.egg-info/SOURCES.txt'
        running build_ext
        generating cffi module 'build/temp.macosx-10.9-
universal2-3.10/_padding.c'
            creating build/temp.macosx-10.9-universal2-3.10
            generating cffi module 'build/temp.macosx-10.9-
universal2-3.10/_openssl.c'
                building '_openssl' extension
                creating build/temp.macosx-10.9-universal2-3.10/build
                creating build/temp.macosx-10.9-universal2-3.10/build/
temp.macosx-10.9-universal2-3.10
                clang -Wno-unused-result -Wsign-compare -Wunreachable-code
-fno-common -dynamic -DNDEBUG -g -fwrapv -O3 -Wall -arch arm64 -arch
x86_64 -g -I/Library/Frameworks/Python.framework/Versions/3.10/
include/python3.10 -c build/temp.macosx-10.9-universal2-3.10/
.openssl.c -o build/temp.macosx-10.9-universal2-3.10/build/
temp.macosx-10.9-universal2-3.10/_openssl.o -Wconversion -Wno-
error=sign-conversion
                build/temp.macosx-10.9-universal2-3.10/_openssl.c:575:10:
fatal error: 'openssl/opensslv.h' file not found
#include <openssl/opensslv.h>
^~~~~~
1 error generated.
```

```
=====DEBUG
ASSISTANCE=====
    If you are seeing a compilation error please try the
following steps to
        successfully install cryptography:
            1) Upgrade to the latest pip and try again. This will fix
errors for most
                users. See: https://pip.pypa.io/en/stable/installing/#upgrading-pip
            2) Read https://cryptography.io/en/latest/installation.html for specific
                instructions for your platform.
            3) Check our frequently asked questions for more
information:
                https://cryptography.io/en/latest/faq.html
=====DEBUG
ASSISTANCE=====
```

```
error: command '/usr/bin/clang' failed with exit code 1
[end of output]
```

**note:** This error originates from a subprocess, and is likely not a problem with pip.

**ERROR: Failed building wheel for cryptography**

Building wheel for psutil (setup.py) ... done

Created wheel for psutil: filename=psutil-5.7.2-cp310-cp310-macosx\_10\_9\_universal2.whl size=259215  
sha256=e5468e5bb43ec8d447fb06c10afc9ec7c7d171bba7f83cb8c8aadf9faf8cd8e3

Stored in directory: /private/tmp/pip-ephem-wheel-cache-xqgwoaqq/wheels/f8/a1/64/07dd2462c0b0f9cf95a1933e0a6313a3eab085bfdcc374b100

Building wheel for cmsis-pack-manager (pyproject.toml) ... done

Created wheel for cmsis-pack-manager:

filename=cmsis\_pack\_manager-0.3.0-cp310-cp310-macosx\_12\_0\_universal2.whl size=2052370  
sha256=79e0f2f76b42cd9cff3df270e5cf5a6babff2927b1d5de678bc13b77825b7d0

Stored in directory: /private/tmp/pip-ephem-wheel-cache-xqgwoaqq/wheels/6e/cd/66/463e95c345cbd60aa94afe068c60d27fcaa877151f521d8fc3

Building wheel for intervaltree (setup.py) ... done

Created wheel for intervaltree: filename=intervaltree-3.1.0-py2.py3-none-any.whl size=26103

sha256=bf8ed5739ab1efeb256a9c960249c4046461a5312ce0a9fcc4453b22b57a3bf6

Stored in directory: /private/tmp/pip-ephem-wheel-cache-xqgwoaqq/wheels/fa/80/8c/43488a924a046b733b64de3fac99252674c892a4c3801c0a61

Building wheel for pyyaml (pyproject.toml) ... done

Created wheel for pyyaml: filename=PyYAML-5.4.1-cp310-cp310-macosx\_10\_9\_universal2.whl size=45666  
sha256=75c726d93cd112d66a2d531fe8807fb5e24f7e04944c77cec6d88bb1eef67663

Stored in directory: /private/tmp/pip-ephem-wheel-cache-xqgwoaqq/wheels/c7/0d/22/696ee92245ad710f506eee79bb05c740d8abccd3ecdb778683

Building wheel for hidapi (setup.py) ... done

Created wheel for hidapi: filename=hidapi-0.11.0.post2-cp310-cp310-macosx\_10\_9\_universal2.whl size=101122  
sha256=9070c7651b0fe335d21b2e8ba2e44f385ecf28c0e4ef54879d715325a08a88e3

Stored in directory: /private/tmp/pip-ephem-wheel-cache-xqgwoaqq/wheels/36/dc/d8/5734b90b0fba2665cf31d8cc729d938539bf54d7e736a90231

Building wheel for future (setup.py) ... done

Created wheel for future: filename=future-0.18.2-py3-none-any.whl size=491058  
sha256=e68aca7680720015778fe55a95765fdb0c95da6ba56cf40021e17004e959916c

Stored in directory: /private/tmp/pip-ephem-wheel-cache-xqgwoaqq/wheels/22/73/06/557dc4f4ef68179b9d763930d6eec26b88ed7c389b19588a1c

Successfully built psutil cmsis-pack-manager intervaltree pyyaml hidapi future

Failed to build cryptography

**ERROR: Could not build wheels for cryptography, which is required to install pyproject.toml-based projects**

tangcw@Tangs-MacBook-Pro cysecuretools-release-v3.1.0 %