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\* Installation des dépendances \*

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\*\*\*\*\* Commande: sudo apt-get update \*\*\*\*\*

Atteint :1 http://security.debian.org buster/updates InRelease

Atteint :2 http://deb.debian.org/debian buster InRelease

Atteint :3 http://deb.debian.org/debian buster-updates InRelease

Atteint :4 http://deb.debian.org/debian buster-backports InRelease

Atteint :5 https://deb.nodesource.com/node\_14.x buster InRelease

Atteint :6 http://armbian.12z.eu/apt buster InRelease

Atteint :7 https://packagecloud.io/ookla/speedtest-cli/debian buster InRelease

Lecture des listes de paquets...

\*\*\*\*\* Commande: sudo apt-get install -y python3 python3-pip \*\*\*\*\*

Lecture des listes de paquets...

Construction de l'arbre des dépendances...

Lecture des informations d'état...

python3-pip est déjà la version la plus récente (18.1-5).

python3 est déjà la version la plus récente (3.7.3-1).

0 mis à jour, 0 nouvellement installés, 0 à enlever et 49 non mis à jour.

\*\*\*\*\* Commande: sudo pip3 install requests \*\*\*\*\*

Collecting pyicloud

Requirement already satisfied: pytz>=2019.3 in /usr/local/lib/python3.7/dist-packages (from pyicloud) (2021.3)

Collecting future>=0.18.2 (from pyicloud)

Using cached https://files.pythonhosted.org/packages/45/0b/38b06fd9b92dc2b68d58b75f900e97884c45bedd2ff83203d933cf5851c9/future-0.18.2.tar.gz

Requirement already satisfied: requests>=2.20.0 in /usr/lib/python3/dist-packages (from pyicloud) (2.21.0)

Requirement already satisfied: tzlocal==2.0.0 in /usr/local/lib/python3.7/dist-packages (from pyicloud) (2.0.0)

Requirement already satisfied: six>=1.14.0 in /usr/local/lib/python3.7/dist-packages (from pyicloud) (1.16.0)

Requirement already satisfied: certifi>=2019.11.28 in /usr/local/lib/python3.7/dist-packages (from pyicloud) (2021.10.8)

Collecting keyring<=9.3.1,>=8.0 (from pyicloud)

Using cached https://files.pythonhosted.org/packages/45/7b/de9c4c0217529d8099e27c935364b84437fd24f1354e8c0151395d28e3ae/keyring-9.3.1-py2.py3-none-any.whl

Requirement already satisfied: keyrings.alt<=3.2.0,>=1.0 in /usr/local/lib/python3.7/dist-packages (from pyicloud) (3.2.0)

Requirement already satisfied: click<=7.1.1,>=6.0 in /usr/local/lib/python3.7/dist-packages (from pyicloud) (7.1.1)

Collecting secretstorage; sys\_platform == "linux2" or sys\_platform == "linux" (from keyring<=9.3.1,>=8.0->pyicloud)

Using cached https://files.pythonhosted.org/packages/d9/1e/29cd69fdac7391aa51510dfd42aa70b4e6a826c8cd019ee2a8ab9ec0777f/SecretStorage-3.3.1-py3-none-any.whl

Requirement already satisfied: jeepney>=0.6 in /usr/local/lib/python3.7/dist-packages (from secretstorage; sys\_platform == "linux2" or sys\_platform == "linux"-

```
>keyring<=9.3.1,>=8.0->pyicloud) (0.7.1)
Collecting cryptography>=2.0 (from secretstorage; sys_platform == "linux2" or
sys_platform == "linux"->keyring<=9.3.1,>=8.0->pyicloud)
  Using cached https://files.pythonhosted.org/packages/f9/4b/
1cf8e281f7ae4046a59e5e39dd7471d46db9f61bb564fddbff9084c4334f/
cryptography-36.0.1.tar.gz
  Installing build dependencies: started
  Installing build dependencies: finished with status 'done'
Requirement already satisfied: cffi>=1.12 in /usr/local/lib/python3.7/dist-packages
(from cryptography>=2.0->secretstorage; sys_platform == "linux2" or sys_platform
== "linux"->keyring<=9.3.1,>=8.0->pyicloud) (1.15.0)
Requirement already satisfied: pycparser in /usr/local/lib/python3.7/dist-packages
(from cffi>=1.12->cryptography>=2.0->secretstorage; sys_platform == "linux2" or
sys_platform == "linux"->keyring<=9.3.1,>=8.0->pyicloud) (2.21)
Building wheels for collected packages: future, cryptography
  Running setup.py bdist_wheel for future: started
  Running setup.py bdist_wheel for future: finished with status 'error'
  Complete output from command /usr/bin/python3 -u -c "import setuptools,
tokenize;__file__='/tmp/pip-install-6whdanhd/future/setup.py';f=getattr(tokenize,
'open', open)(__file__);code=f.read().replace('\r\n', '\n');f.close();exec(compile(code,
__file__, 'exec'))" bdist_wheel -d /tmp/pip-wheel-am5n8xuc --python-tag cp37:
usage: -c [global_opts] cmd1 [cmd1_opts] [cmd2 [cmd2_opts] ...]
   or: -c --help [cmd1 cmd2 ...]
   or: -c --help-commands
   or: -c cmd --help
```

error: invalid command 'bdist\_wheel'

```
-----
Failed building wheel for future
Running setup.py clean for future
Running setup.py bdist_wheel for cryptography: started
Running setup.py bdist_wheel for cryptography: finished with status 'error'
Complete output from command /usr/bin/python3 -u -c "import setuptools,
tokenize;__file__='/tmp/pip-install-6whdanhd/cryptography/
setup.py';f=getattr(tokenize, 'open', open)(__file__);code=f.read().replace('\r\n',
'\n');f.close();exec(compile(code, __file__, 'exec'))" bdist_wheel -d /tmp/pip-wheel-
uepzi40r --python-tag cp37:
  running bdist_wheel
  running build
  running build_py
  creating build
  creating build/lib.linux-aarch64-3.7
  creating build/lib.linux-aarch64-3.7/cryptography
  copying src/cryptography/utils.py -> build/lib.linux-aarch64-3.7/cryptography
  copying src/cryptography/fernet.py -> build/lib.linux-aarch64-3.7/cryptography
  copying src/cryptography/exceptions.py -> build/lib.linux-aarch64-3.7/cryptography
  copying src/cryptography/__init__.py -> build/lib.linux-aarch64-3.7/cryptography
  copying src/cryptography/__about__.py -> build/lib.linux-aarch64-3.7/cryptography
  creating build/lib.linux-aarch64-3.7/cryptography/x509
```

copying src/cryptography/x509/oid.py -> build/lib.linux-aarch64-3.7/cryptography/x509  
copying src/cryptography/x509/ocsp.py -> build/lib.linux-aarch64-3.7/cryptography/x509  
copying src/cryptography/x509/name.py -> build/lib.linux-aarch64-3.7/cryptography/x509  
copying src/cryptography/x509/general\_name.py -> build/lib.linux-aarch64-3.7/cryptography/x509  
copying src/cryptography/x509/extensions.py -> build/lib.linux-aarch64-3.7/cryptography/x509  
copying src/cryptography/x509/certificate\_transparency.py -> build/lib.linux-aarch64-3.7/cryptography/x509  
copying src/cryptography/x509/base.py -> build/lib.linux-aarch64-3.7/cryptography/x509  
copying src/cryptography/x509/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/x509  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat  
copying src/cryptography/hazmat/\_oid.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat  
copying src/cryptography/hazmat/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
copying src/cryptography/hazmat/primitives/poly1305.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
copying src/cryptography/hazmat/primitives/padding.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
copying src/cryptography/hazmat/primitives/keywrap.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
copying src/cryptography/hazmat/primitives/hmac.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
copying src/cryptography/hazmat/primitives/ hashes.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
copying src/cryptography/hazmat/primitives/constant\_time.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
copying src/cryptography/hazmat/primitives/cmac.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
copying src/cryptography/hazmat/primitives/\_serialization.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
copying src/cryptography/hazmat/primitives/\_cipheralgorithm.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
copying src/cryptography/hazmat/primitives/\_asymmetric.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
copying src/cryptography/hazmat/primitives/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/bindings  
copying src/cryptography/hazmat/bindings/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/bindings  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/backends  
copying src/cryptography/hazmat/backends/interfaces.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/backends

copying src/cryptography/hazmat/backends/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/backends  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/twofactor  
copying src/cryptography/hazmat/primitives/twofactor/totp.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/twofactor  
copying src/cryptography/hazmat/primitives/twofactor/hotp.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/twofactor  
copying src/cryptography/hazmat/primitives/twofactor/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/twofactor  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/serialization  
copying src/cryptography/hazmat/primitives/serialization/ssh.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/serialization  
copying src/cryptography/hazmat/primitives/serialization/pkcs7.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/serialization  
copying src/cryptography/hazmat/primitives/serialization/pkcs12.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/serialization  
copying src/cryptography/hazmat/primitives/serialization/base.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/serialization  
copying src/cryptography/hazmat/primitives/serialization/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/serialization  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/kdf  
copying src/cryptography/hazmat/primitives/kdf/x963kdf.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/kdf  
copying src/cryptography/hazmat/primitives/kdf/scrypt.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/kdf  
copying src/cryptography/hazmat/primitives/kdf/pbkdf2.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/kdf  
copying src/cryptography/hazmat/primitives/kdf/xbkdf.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/kdf  
copying src/cryptography/hazmat/primitives/kdf/hkdf.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/kdf  
copying src/cryptography/hazmat/primitives/kdf/concatkdf.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/kdf  
copying src/cryptography/hazmat/primitives/kdf/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/kdf  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
copying src/cryptography/hazmat/primitives/ciphers/modes.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
copying src/cryptography/hazmat/primitives/ciphers/base.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
copying src/cryptography/hazmat/primitives/ciphers/algorithms.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
copying src/cryptography/hazmat/primitives/ciphers/aead.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
copying src/cryptography/hazmat/primitives/ciphers/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/x448.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/x25519.py -> build/lib.linux-

aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/utils.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/types.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/rsa.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/padding.py -> build/  
lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/ed448.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/ed25519.py -> build/  
lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/ec.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/dsa.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/dh.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/\_\_init\_\_.py -> build/  
lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/bindings/openssl  
copying src/cryptography/hazmat/bindings/openssl/binding.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/bindings/openssl  
copying src/cryptography/hazmat/bindings/openssl/\_conditional.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/bindings/openssl  
copying src/cryptography/hazmat/bindings/openssl/\_\_init\_\_.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/bindings/openssl  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/x509.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/x448.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/x25519.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/utils.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/rsa.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/poly1305.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/hmac.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/ hashes.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/encode\_asn1.py -> build/  
lib.linux-aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/ed448.py -> build/lib.linux-  
aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/ed25519.py -> build/lib.linux-

```
aarch64-3.7/cryptography/hazmat/backends/openssl
  copying src/cryptography/hazmat/backends/openssl/ec.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
  copying src/cryptography/hazmat/backends/openssl/dsa.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
  copying src/cryptography/hazmat/backends/openssl/dh.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
  copying src/cryptography/hazmat/backends/openssl/decode_asn1.py -> build/
lib.linux-aarch64-3.7/cryptography/hazmat/backends/openssl
  copying src/cryptography/hazmat/backends/openssl/cmac.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
  copying src/cryptography/hazmat/backends/openssl/ciphers.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
  copying src/cryptography/hazmat/backends/openssl/backend.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
  copying src/cryptography/hazmat/backends/openssl/aead.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
  copying src/cryptography/hazmat/backends/openssl/__init__.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
running egg_info
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 'tox.ini'
warning: no previously-included files found matching 'mypy.ini'
warning: no previously-included files matching '*' found under directory '.zuul.d'
warning: no previously-included files matching '*' found under directory
'.zuul.playbooks'
writing manifest file 'src/cryptography.egg-info/SOURCES.txt'
copying src/cryptography/py.typed -> build/lib.linux-aarch64-3.7/cryptography
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/bindings/_rust
copying src/cryptography/hazmat/bindings/_rust/__init__.pyi -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/bindings/_rust
copying src/cryptography/hazmat/bindings/_rust/asn1.pyi -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/bindings/_rust
copying src/cryptography/hazmat/bindings/_rust/ocsp.pyi -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/bindings/_rust
copying src/cryptography/hazmat/bindings/_rust/x509.pyi -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/bindings/_rust
running build_ext
```

```
=====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/> for specific instructions for your platform.
- 3) Check our frequently asked questions for more information: <https://cryptography.io/en/latest/faq/>
- 4) Ensure you have a recent Rust toolchain installed: <https://cryptography.io/en/latest/installation/#rust>

Python: 3.7.3

platform: Linux-5.10.63-rockchip64-aarch64-with-debian-10.10

pip: 18.1

setuptools: 60.5.0

setuptools\_rust: 1.1.2

=====DEBUG

ASSISTANCE=====

error: can't find Rust compiler

If you are using an outdated pip version, it is possible a prebuilt wheel is available for this package but pip is not able to install from it. Installing from the wheel would avoid the need for a Rust compiler.

To update pip, run:

```
pip install --upgrade pip
```

and then retry package installation.

If you did intend to build this package from source, try installing a Rust compiler from your system package manager and ensure it is on the PATH during installation. Alternatively, rustup (available at <https://rustup.rs>) is the recommended way to download and update the Rust compiler toolchain.

This package requires Rust  $\geq 1.41.0$ .

```
-----  
Failed building wheel for cryptography  
Running setup.py clean for cryptography  
Complete output from command /usr/bin/python3 -u -c "import setuptools,  
tokenize;__file__='/tmp/pip-install-6whdanhd/cryptography/  
setup.py';f=getattr(tokenize, 'open', open)(__file__);code=f.read().replace('\r\n',  
\n');f.close();exec(compile(code, __file__, 'exec'))" clean --all:  
running clean  
removing 'build/lib.linux-aarch64-3.7' (and everything under it)  
'build/bdist.linux-aarch64' does not exist -- can't clean it  
'build/scripts-3.7' does not exist -- can't clean it  
running clean_rust
```

=====DEBUG  
ASSISTANCE=====

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- 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>
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- 3) Check our frequently asked questions for more information: <https://cryptography.io/en/latest/faq/>
- 4) Ensure you have a recent Rust toolchain installed: <https://cryptography.io/en/latest/installation/#rust>

Python: 3.7.3  
platform: Linux-5.10.63-rockchip64-aarch64-with-debian-10.10  
pip: 18.1  
setuptools: 60.5.0  
setuptools\_rust: 1.1.2

=====DEBUG  
ASSISTANCE=====

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This package requires Rust  $\geq 1.41.0$ .

```
-----  
Failed cleaning build dir for cryptography  
Failed to build future cryptography  
Installing collected packages: future, cryptography, secretstorage, keyring, pyicloud  
Running setup.py install for future: started  
Running setup.py install for future: finished with status 'done'  
Running setup.py install for cryptography: started  
Running setup.py install for cryptography: finished with status 'error'  
Complete output from command /usr/bin/python3 -u -c "import setuptools,  
tokenize;__file__='/tmp/pip-install-6whdanhd/cryptography/
```



```
setup.py':f=getattr(tokenize, 'open', open)(__file__);code=f.read().replace('\r\n',
'\n');f.close();exec(compile(code, __file__, 'exec'))" install --record /tmp/pip-
record-72vswg2o/install-record.txt --single-version-externally-managed --compile:
  running install
    /tmp/pip-build-env-zrs1520g/lib/python3.7/site-packages/setuptools/command/
install.py:37: SetuptoolsDeprecationWarning: setup.py install is deprecated. Use
build and pip and other standards-based tools.
      setuptools.SetuptoolsDeprecationWarning,
  running build
  running build_py
  creating build
  creating build/lib.linux-aarch64-3.7
  creating build/lib.linux-aarch64-3.7/cryptography
  copying src/cryptography/utils.py -> build/lib.linux-aarch64-3.7/cryptography
  copying src/cryptography/fernet.py -> build/lib.linux-aarch64-3.7/cryptography
  copying src/cryptography/exceptions.py -> build/lib.linux-aarch64-3.7/cryptography
  copying src/cryptography/__init__.py -> build/lib.linux-aarch64-3.7/cryptography
  copying src/cryptography/__about__.py -> build/lib.linux-aarch64-3.7/cryptography
  creating build/lib.linux-aarch64-3.7/cryptography/x509
  copying src/cryptography/x509/oid.py -> build/lib.linux-aarch64-3.7/cryptography/
x509
  copying src/cryptography/x509/ocsp.py -> build/lib.linux-aarch64-3.7/
cryptography/x509
  copying src/cryptography/x509/name.py -> build/lib.linux-aarch64-3.7/
cryptography/x509
  copying src/cryptography/x509/general_name.py -> build/lib.linux-aarch64-3.7/
cryptography/x509
  copying src/cryptography/x509/extensions.py -> build/lib.linux-aarch64-3.7/
cryptography/x509
  copying src/cryptography/x509/certificate_transparency.py -> build/lib.linux-
aarch64-3.7/cryptography/x509
  copying src/cryptography/x509/base.py -> build/lib.linux-aarch64-3.7/
cryptography/x509
  copying src/cryptography/x509/__init__.py -> build/lib.linux-aarch64-3.7/
cryptography/x509
  creating build/lib.linux-aarch64-3.7/cryptography/hazmat
  copying src/cryptography/hazmat/_oid.py -> build/lib.linux-aarch64-3.7/
cryptography/hazmat
  copying src/cryptography/hazmat/__init__.py -> build/lib.linux-aarch64-3.7/
cryptography/hazmat
  creating build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives
  copying src/cryptography/hazmat/primitives/poly1305.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/primitives
  copying src/cryptography/hazmat/primitives/padding.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/primitives
  copying src/cryptography/hazmat/primitives/keywrap.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/primitives
  copying src/cryptography/hazmat/primitives/hmac.py -> build/lib.linux-aarch64-3.7/
cryptography/hazmat/primitives
  copying src/cryptography/hazmat/primitives/hashes.py -> build/lib.linux-
```



copying src/cryptography/hazmat/primitives/kdf/concatkdf.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/kdf  
copying src/cryptography/hazmat/primitives/kdf/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/kdf  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
copying src/cryptography/hazmat/primitives/ciphers/modes.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
copying src/cryptography/hazmat/primitives/ciphers/base.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
copying src/cryptography/hazmat/primitives/ciphers/algorithms.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
copying src/cryptography/hazmat/primitives/ciphers/aead.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
copying src/cryptography/hazmat/primitives/ciphers/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/ciphers  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/x448.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/x25519.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/utils.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/types.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/rsa.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/padding.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/ed448.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/ed25519.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/ec.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/dsa.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/dh.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
copying src/cryptography/hazmat/primitives/asymmetric/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/primitives/asymmetric  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/bindings/openssl  
copying src/cryptography/hazmat/bindings/openssl/binding.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/bindings/openssl  
copying src/cryptography/hazmat/bindings/openssl/\_conditional.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/bindings/openssl  
copying src/cryptography/hazmat/bindings/openssl/\_\_init\_\_.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/bindings/openssl  
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/backends/openssl  
copying src/cryptography/hazmat/backends/openssl/x509.py -> build/lib.linux-aarch64-3.7/cryptography/hazmat/backends/openssl

```
copying src/cryptography/hazmat/backends/openssl/x448.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/x25519.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/utils.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/rsa.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/poly1305.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/hmac.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/ hashes.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/encode_asn1.py -> build/
lib.linux-aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/ed448.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/ed25519.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/ec.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/dsa.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/dh.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/decode_asn1.py -> build/
lib.linux-aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/cmac.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/ciphers.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/backend.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/aead.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
copying src/cryptography/hazmat/backends/openssl/__init__.py -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/backends/openssl
running egg_info
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 'tox.ini'
warning: no previously-included files found matching 'mypy.ini'
```

```
warning: no previously-included files matching '*' found under directory '.zuul.d'
warning: no previously-included files matching '*' found under directory
'.zuul.playbooks'
writing manifest file 'src/cryptography.egg-info/SOURCES.txt'
copying src/cryptography/py.typed -> build/lib.linux-aarch64-3.7/cryptography
creating build/lib.linux-aarch64-3.7/cryptography/hazmat/bindings/_rust
copying src/cryptography/hazmat/bindings/_rust/__init__.pyi -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/bindings/_rust
copying src/cryptography/hazmat/bindings/_rust/asn1.pyi -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/bindings/_rust
copying src/cryptography/hazmat/bindings/_rust/ocsp.pyi -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/bindings/_rust
copying src/cryptography/hazmat/bindings/_rust/x509.pyi -> build/lib.linux-
aarch64-3.7/cryptography/hazmat/bindings/_rust
running build_ext
```

```
=====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/> for specific instructions for your platform.
- 3) Check our frequently asked questions for more information: <https://cryptography.io/en/latest/faq/>
- 4) Ensure you have a recent Rust toolchain installed: <https://cryptography.io/en/latest/installation/#rust>

```
Python: 3.7.3
platform: Linux-5.10.63-rockchip64-aarch64-with-debian-10.10
pip: 18.1
setuptools: 60.5.0
setuptools_rust: 1.1.2
```

```
=====DEBUG
ASSISTANCE=====
```

error: can't find Rust compiler

If you are using an outdated pip version, it is possible a prebuilt wheel is available for this package but pip is not able to install from it. Installing from the wheel would avoid the need for a Rust compiler.

To update pip, run:

```
pip install --upgrade pip
```

and then retry package installation.

If you did intend to build this package from source, try installing a Rust compiler

from your system package manager and ensure it is on the PATH during installation. Alternatively, rustup (available at <https://rustup.rs>) is the recommended way to download and update the Rust compiler toolchain.

This package requires Rust  $\geq 1.41.0$ .

```
-----  
Command "/usr/bin/python3 -u -c "import setuptools, tokenize;__file__='/tmp/pip-  
install-6whdanhd/cryptography/setup.py';f=getattr(tokenize, 'open', open)  
(__file__);code=f.read().replace('\r\n', '\n');f.close();exec(compile(code, __file__,  
'exec'))" install --record /tmp/pip-record-72vswg2o/install-record.txt --single-version-  
externally-managed --compile" failed with error code 1 in /tmp/pip-install-6whdanhd/  
cryptography/  
*****  
*           Installation terminée           *  
*****
```