**Ansible Installation Guide**

[**Installing and upgrading Ansibl**](https://docs.ansible.com/ansible/latest/installation_guide/intro_installation.html#id6)**e**

# [Locating Python](https://docs.ansible.com/ansible/latest/installation_guide/intro_installation.html#id7)

Locate and remember the path to the Python interpreter you wish to use to run Ansible. The following instructions refer to this Python as python3 . For example, if you’ve determined that you want the Python at /usr/bin/python3.9 to be the one that you’ll installAnsible under, specify that instead of python3 .

# [Ensuring PIP is available](https://docs.ansible.com/ansible/latest/installation_guide/intro_installation.html#id8)

To verify whether pip is already installed for your preferred Python:

**$ python3 -m pip -V** If all is well, you should see something like the following:

**$** python3 -m pip -V

pip 21.0.1 from /usr/lib/python3.9/site-packages/pip (python 3.9)

If so, pip is available, and you can move on to the [next step](https://docs.ansible.com/ansible/latest/installation_guide/intro_installation.html#pip-install).

If you see an error like No module named pip , you’ll need to install pip under your chosen Python interpreter before proceeding. This may mean installing an additional OS package (for example, python3-pip ), or installing the latest pip directly from the Python Packaging Authority by running the following:

**$** curl https://bootstrap.pypa.io/get-pip.py -o get-pip.py

**$** python3 get-pip.py --user

**You may need to perform some additional configuration before you are able to run Ansible. See the Python documentation on** [**installing to the user site**](https://packaging.python.org/tutorials/installing-packages/#installing-to-the-user-site) **for more information.**

# [Installing Ansible](https://docs.ansible.com/ansible/latest/installation_guide/intro_installation.html#id9)

Use pip in your selected Python environment to install the Ansible package of your choice for the current user:

$ python3 -m pip install --user ansible

Alternately, you can install a specific version of ansible-core in this Python environment:

**$** python3 -m pip install --user ansible-core**==**2.12.3

# [Upgrading Ansible](https://docs.ansible.com/ansible/latest/installation_guide/intro_installation.html#id10)

To upgrade an existing Ansible installation in this Python environment to the latest released version, simply add –upgrade to the command above:

**$** python3 -m pip install --upgrade --user ansible

# [Confirming your installation](https://docs.ansible.com/ansible/latest/installation_guide/intro_installation.html#id11)

You can test that Ansible is installed correctly by checking the version:

**$** ansible --version

The version displayed by this command is for the associated has been installed.