Ansible Setup on DebianOS + Device Configuration on CML

# This will be a guide for setting up Ansible on DebianOs. It should work in theory on any LinuxOS, but here is a [link](https://docs.ansible.com/ansible/latest/getting_started/introduction.html) to the official documentation for your reference.

First, we need to get Ansible installed on our device, crazy right? Install it using “*pip install ansible*”. If you’re on a fresh Debian/Linux VM, you might receive this error:



Install pip using the command below. Use the following command to verify installation.

root@DEBIAN-DT:/home/kadeem/debianVM/Ansible# sudo apt-get install python3-pip

root@DEBIAN-DT:/home/kadeem/debianVM/Ansible# python3 -m pip

Install Ansible.

root@DEBIAN-DT:~# apt install ansible

Verify Ansible installation.



Cool, we have our device running Ansible. Now we proceed to the part that we actually care about, using it to automate configuration in our CML lab. This should work on other virtual environments like EVE-NG and GNS3 as long as the hosts are reachable via SSH.