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# Installation (ubuntu/debian)

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- ❖ Windows users oft opt for WSL or VMs locally or remote jump servers
- ❖ Consider isolating environment using python's virtual environments
- ❖ Ansible is available from many OS package managers, but...

```
sudo apt update          # Update the apt package manager
sudo apt install ansible  # Install ansible using apt.. OR:
sudo apt install pipx     # Install pipx using apt
pipx ensurepath           # Ensure pipx paths are set
pipx install ansible-core # Install Ansible using pipx
```

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# Usage

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- ❖ At its core, Ansible is a collection of command line utilities
- ❖ The installation process will take care of adding Ansible binaries to the path
- ❖ Many arguments and parameters behave exactly the same / as expected between the tools

```
ansible-galaxy collection install amazon.aws
```

```
sudo apt update
```

```
sudo apt install git
```

```
git clone https://github.com/ardavanhazemzadeh/ansible-unch-n-learn.git
```

```
cd ansible-unch-n-learn
```

```
ansible-playbook deploy-ec2.yml -e @deploy-ec2-vars.yml --ask-vault-pass
```

```
ansible-vault encrypt_string -ask-vault-pass # CTRL+D twice to 'submit' (\n)!
```