

# ansible

## basic op

```
ansible all --list-hosts
```

```
ansible all -m ping
```

## playbook

### helloworld.yaml

```
- name: helloworld
  hosts: nodes
  tasks:
    - name: Ping my hosts
      ansible.builtin.ping:
    - name: Print message
      ansible.builtin.debug:
        msg: Hello world
```

```
ansible-playbook helloworld.yaml
```

### addkeys.yaml

```
- name: Add ssh key to ubuntu user
  hosts: nodes
  tasks:
    - name: Set authorized key took from file
      authorized_key:
        user: ubuntu
        state: present
        key: "{{ lookup('file', '/root/.ssh/id_ed25519.pub') }}"
```

```
ansible-playbook addkeys.yaml
```

Installa ed avvia un pacchetto (per esempio glusterfs)

### glusterfs.yaml

```
- name: Install glusterFS
  hosts: nodes
  tasks:
```

```
- name: Install package
  ansible.builtin.apt:
    update_cache: yes
    cache_valid_time: 86400
    name: glusterfs-server
- name: Start service
  ansible.builtin.systemd:
    state: started
    name: glusterd
```

```
ansible-playbook glusterfs.yaml
```

## install

```
python3 -m pip install --user ansible
```

## config

[/etc/ansible/hosts](#)

```
[all:vars]
ansible_user='ubuntu'
ansible_become=yes
ansible_become_method=sudo
ansible_python_interpreter='/usr/bin/env python3'

[nodes]
10.45.0.1
10.45.0.2
10.45.0.3
10.45.0.4
10.45.0.5
```

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