

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
```

From:
<https://wiki.csgalileo.org/> - **Galileo Labs**

Permanent link:
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Last update: **2022/09/09 11:09**

