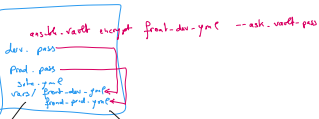


Responsable

init repo git



dev. pass → groupe dev
 Prod. pass → contenu = mot de passe en clair
 Prod. pass → grouper pour prod

X, dev

git clone

Y, dev, Prod

ansible-playbook site.yml → erreur

" site.yml --valet-id dev@dev-pass → OK

" " --valet-id dev@prod-pass → erreur, Pas de droits

etiquette, peut avoir n'importe quel nom

→ OK pour lire le md5 en Prod



Repos.git

Responsable

X

Y

Z

inventories /
 Production /
 hosts
 keys (mots de passe)
 group-vars/
 host-vars/

qa/

dev/

library / → fichiers statiques

site.yml

front.yml

back.yml

bdd.yml

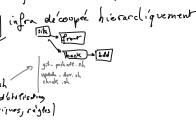
roles /

scripts /

docs / (Rapports d'installation, bonnes pratiques, règles)

modules / → les modules créés en interne

utils /



```
apt install ruby-dev
dans /etc/kitchen/ansible-kitchen :
cat Gemfile
```

```
source "https://rubygems.org"
gem 'base-kitchen', '~> 1.0'
gem 'kitchen-ansible', '~> 6.44'
gem 'kitchen-vagrant', '~> 6.11'
gem 'VV', '~> 1.11.0'
gem 'hermespec', '~> 2.30'
```

```
bundle install --path vendor/bundle
bundle update
```

```
cat kitchen.yml
```

```
---
driver:
  name: vagrant

provisioner:
  name: ansible_playbook
  playbook: playbook.yml
  hosts: all
  require_chef_for_buster: false
  require_ruby_for_buster: true
```

```
platforms:
  - name: ubuntu
  driver.config:
    box: 'ubuntu/ubuntuy64'
```

```
suites:
  - name: default
```

```
verifier:
  ruby_bin_dir: '/usr/bin'
```

```
lenses:
  bundle exec kitchen create
```

```
testers:
  bundle exec kitchen login
```

```
name: playbook.yml:
```

```
---
hosts: all
tasks:
  - apt: name=nginx state=present
  - service: name=nginx state=restarted
```

```
path :
bundle exec kitchen converge
```

```
---> Starting Kitchen (v1.25.0)
----> Converging <default>ubuntu--
  Preparing files for transfer
  Preparing playbook
  Preparing inventory
  Preparing modules
  nothing to do for modules
  Preparing roles
  Preparing ansible_cfg file
  Empty ansible_cfg generated
  Preparing group_vars
  nothing to do for group_vars
  Preparing additional_extra_path
  Preparing host_vars
  nothing to do for host_vars
  Preparing hosts file
  Preparing spec
  nothing to do for spec
  Preparing library_plugins
  nothing to do for library_plugins
  Preparing callback_plugins
  nothing to do for callback_plugins
  Preparing filter_plugins
  nothing to do for filter_plugins
  Preparing lookup_plugins
  nothing to do for lookup_plugins
  Preparing ansible_vault_password
  Preparing additional_ssh_private_keys
  nothing to do for additional_ssh_private_keys
  Finished Preparing files for transfer
  Installing ansible, will try to determine platform os
  Transferring files to <default>ubuntu--
```

```
PLAY [all]
-----
TASK [Gathering Facts]
-----
ok [localhost]

TASK [apt]
-----
changed: [localhost]

TASK [service]
-----
changed: [localhost]

PLAY RECAP
-----
localhost          ok=1  changed=0  unreachable=0  failed=0  skipped=0
rescued=0  ignored=0

Downloading files from <default>ubuntu--
Finished converging <default>ubuntu-- (2m, 18s)
----> Kitchen is finished. (2m, 25s)
```

```
Créer les tests unitaires :
mkdir -p test/integration/default/hermespec

cat test/integration/default/hermespec/her_spec.rb
require 'hermespec'
let :backend, :vnc

cat test/integration/default/hermespec/default_spec.rb
require 'spec_helper'

describe 'nginx installation' do
  context 'package(nginx)' do
    it { should be_installed }
  end
end

path: test :
bundle exec kitchen test
```