

```

j0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ nano tasks/tasks.yml
[?2004h[?1049h[?7h[?1h=[?1h=[?25l[ Novo ficheiro ] GNU nano 4.8 tasks/tasks.yml
^G Ajuda ^O Gravar ^W Procurar ^K Cortar txt ^J Justificar ^C Pos cursor
^X Sair ^R Carregar ^\ Substituir ^U Colar txt ^T Ortografia ^ Ir p/ linha
[?12l[?25h[?25lModificado
-[?12l[?25h[?25l-[?12l[?25h[?25l-[?12l[?25h[?25l
[?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l-[?12l[?25h[?25l [?12l[?25h[?25ln[?12l[?25h[?25la[?
12l[?25h[?25lm[?12l[?25h[?25le[?12l[?25h[?25l:[?12l[?25h[?25l [?12l[?25h[?25lA[?12l[?25h[?25lt[?12l[?25h[?25lu[?
12l[?25h[?25la[?12l[?25h[?25li[?12l[?25h[?25li[?12l[?25h[?25lz[?12l[?25h[?25la[?12l[?25h[?25l [?12l[?25h[?25la[?12l[?
25h[?25l
[?12l[?25h[?25lc[?12l[?25h[?25la[?12l[?25h[?25lc[?12l[?25h[?25lh[?12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25l([?
12l[?25h[?25le[?12l[?25h[?25lq[?12l[?25h[?25lu[?12l[?25h[?25li[?12l[?25h[?25lv[?12l[?25h[?25la[?12l[?25h[?25li[?12l[?
25h[?25le[?12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25la[?12l[?25h[?25l [?12l[?
25h[?25la[?12l[?25h[?25lp[?12l[?25h[?25lt[?12l[?25h[?25l [?12l[?25h[?25lu[?12l[?25h[?25lp[?12l[?25h[?25ld[?12l[?
25h[?25la[?12l[?25h[?25lt[?12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25ln[?12l[?25h[?25lo[?12l[?25h[?25l [?12l[?
25h[?25lu[?12l[?25h[?25lb[?12l[?25h[?25lu[?12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25lu[?12l[?25h[?25l][?12l[?
25h[?25l[?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?
25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l
[?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25la[?12l[?25h[?25lp[?
12l[?25h[?25lt[?12l[?25h[?25l:[?12l[?25h[?25l
[?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?
25h[?25lu[?12l[?25h[?25ld[?12l[?25h[?25la[?12l[?25h[?25lp[?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?
25h[?25lp[?12l[?25h[?25ld[?12l[?25h[?25la[?12l[?25h[?25lt[?12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25lc[?12l[?
25h[?25la[?12l[?25h[?25lc[?12l[?25h[?25lh[?12l[?25h[?25le[?12l[?25h[?25l:[?12l[?25h[?25l [?12l[?25h[?25lt[?12l[?
25h[?25lr[?12l[?25h[?25lu[?12l[?25h[?25le[?12l[?25h[?25l
[?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?
25h[?25lc[?12l[?25h[?25la[?12l[?25h[?25lc[?12l[?25h[?25lh[?12l[?25h[?25le[?12l[?25h[?25l-[?12l[?25h[?25lv[?12l[?
25h[?25la[?12l[?25h[?25li[?12l[?25h[?25ld[?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?
25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25lv[?12l[?25h[?25la[?12l[?25h[?25li[?12l[?25h[?25li[?
12l[?25h[?25ld[?12l[?25h[?25l [?12l[?25h[?25lt[?12l[?25h[?25li[?12l[?25h[?25lm[?12l[?25h[?25le[?12l[?25h[?25l:[?
12l[?25h[?25l [?12l[?25h[?25l3[?12l[?25h[?25l6[?12l[?25h[?25l0[?12l[?25h[?25l0[?12l[?25h[?25l
[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l
[?12l[?25h[?25l M-D Formato DOS M-A Anexar M-B Segurança C Cancelar M-M Formato Mac M-P Prepor ^T P/
ficheiros
Nome do ficheiro onde escrever: tasks/tasks.yml [?12l[?25h[?25l [ A escrever... ] [ 6 linhas escritas ] ^O Gravar ^W
Procurar ^K Cortar txt ^J Justificar ^C Pos cursor X Sair ^R Carregar ^\ Substituir ^U Colar txt ^T Ortografia ^ Ir p/
linha
[?12l[?25h[?25l[?12l[?25h[?1049l
[?1l>[?2004l]j0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ molecule lint
INFO default scenario test matrix: dependency, lint
INFO Performing prerun...
INFO Using .cache/roles/nunomourinho.leantime_ansible symlink to current repository in order to enable Ansible to
find the role using its expected full name.
INFO Added ANSIBLE_ROLES_PATH=~/.ansible/roles:/usr/share/ansible/roles:/etc/ansible/roles:./.cache/roles
INFO Running default > dependency
WARNING Skipping, missing the requirements file.
WARNING Skipping, missing the requirements file.
INFO Running default > lint
COMMAND: set -e
yamllint .
ansible-lint

./tasks/tasks.yml
6:1 error too many blank lines (1 > 0) (empty-lines)

```

CRITICAL Lint failed with error code 1

```

j0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ molecule lintnano tasks/tasks.yml
[?2004h[?1049h[?7h[?1h=[?1h=[?25l[ A ler... ] [ 6 linhas lidas ] GNU nano 4.8 tasks/tasks.yml
^G Ajuda ^O Gravar ^W Procurar ^K Cortar txt ^J Justificar ^C Pos cursor
^X Sair ^R Carregar ^\ Substituir ^U Colar txt ^T Ortografia ^ Ir p/ linha
---- name: Atualiza a cache (equivalente a apt update)apt:update cache: truecache_valid time: 3600
[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25lModificado[?12l[?25h[?25l
[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l
[?12l[?25h[?25l[?12l[?25h[?25l M-D Formato DOS M-A Anexar M-B Segurança C Cancelar M-M Formato Mac M-P
Prepor ^T P/ ficheiros
Nome do ficheiro onde escrever: tasks/tasks.yml [?12l[?25h[?25l [ A escrever... ] [ 5 linhas escritas ] ^O Gravar ^W
Procurar ^K Cortar txt ^J Justificar ^C Pos cursor X Sair ^R Carregar ^\ Substituir ^U Colar txt ^T Ortografia ^ Ir p/
linha
[?12l[?25h[?25l[?12l[?25h[?1049l
[?1l>[?2004l]j0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ nano
tasks/tasks.ymlmolecule lint
INFO default scenario test matrix: dependency, lint
INFO Performing prerun...

```

```
INFO Using .cache/roles/nunomourinho.lean_time_ansible symlink to current repository in order to enable Ansible to find the role using its expected full name.
INFO Added ANSIBLE_ROLES_PATH=~/.ansible/roles:/usr/share/ansible/roles:/etc/ansible/roles:./cache/roles
INFO Running default > dependency
WARNING Skipping, missing the requirements file.
WARNING Skipping, missing the requirements file.
INFO Running default > lint
COMMAND: set -e
yamllint .
ansible-lint
```

Loading custom .yamllint config file, this extends our internal yamllint config.

```
j0;admlcal@devOps: ~/lean_time_ansibleadmlcal@devOps:~/lean_time_ansible$ nano tasks/main.yml
```

```
[?2004h[?1049h[?7h[?1h=[?1h=[?25l[ A ler... ][ 2 linhas lidas ] GNU nano 4.8 tasks/main.yml
```

```
^G Ajuda^O Gravar ^W Procurar ^K Cortar txt ^J Justificar ^C Pos cursor
^X Sair^R Carregar ^\ Substituir ^U Colar txt ^T Ortografia ^ Ir p/ linha
```

```
[?12l[?25h[?25l[?12l[?25h[?25lModificado
```

```
[?12l[?25h[?25l-[?12l[?25h[?25l [?12l[?25h[?25l{[?12l[?25h[?25l [?12l[?25h[?25li[?12l[?25h[?25lc[?
12l[?25h[?25li[?12l[?25h[?25lu[?12l[?25h[?25ld[?12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25lt[?12l[?
25h[?25la[?12l[?25h[?25ls[?12l[?25h[?25lk[?12l[?25h[?25ls[?12l[?25h[?25l.[?12l[?25h[?25ly[?12l[?25h[?25lm[?12l[?
25h[?25li[?12l[?25h[?25l.[?12l[?25h[?25l [?12l[?25h[?25lb[?12l[?25h[?25le[?12l[?25h[?25lc[?12l[?25h[?25lo[?12l[?25h[?
25lm[?12l[?25h[?25le[?12l[?25h[?25l.[?12l[?25h[?25l [?12l[?25h[?25ly[?12l[?25h[?25le[?12l[?25h[?25ls[?12l[?25h[?25l
[?12l[?25h[?25l}[?12l[?25h[?25l
```

```
[?12l[?25h[?25l M-D Formato DOS M-A Anexar M-B SeguranÃaC Cancelar M-M Formato Mac M-P Prepor ^T P/
ficheiros
```

```
Nome do ficheiro onde escrever: tasks/main.yml [?12l[?25h[?25l [ A escrever... ][ 2 linhas escritas ]^O Gravar ^W
Procurar ^K Cortar txt ^J Justificar ^C Pos cursorX Sair ^R Carregar ^\ Substituir ^U Colar txt ^T Ortografia ^ Ir p/
linha
```

```
[?12l[?25h[?25l[?12l[?25h[?1049l
```

```
[?1l>[?2004l]j0;admlcal@devOps: ~/lean_time_ansibleadmlcal@devOps:~/lean_time_ansible$ nano tasks/main.yml
molecule lint
```

```
INFO default scenario test matrix: dependency, lint
```

```
INFO Performing prerun...
```

```
INFO Using .cache/roles/nunomourinho.lean_time_ansible symlink to current repository in order to enable Ansible to find the role using its expected full name.
```

```
INFO Added ANSIBLE_ROLES_PATH=~/.ansible/roles:/usr/share/ansible/roles:/etc/ansible/roles:./cache/roles
```

```
INFO Running default > dependency
```

```
WARNING Skipping, missing the requirements file.
```

```
WARNING Skipping, missing the requirements file.
```

```
INFO Running default > lint
```

```
COMMAND: set -e
```

```
yamllint .
```

```
ansible-lint
```

Loading custom .yamllint config file, this extends our internal yamllint config.

```
j0;admlcal@devOps: ~/lean_time_ansibleadmlcal@devOps:~/lean_time_ansible$ molecule converge
```

```
INFO default scenario test matrix: dependency, create, prepare, converge
```

```
INFO Performing prerun...
```

```
INFO Using .cache/roles/nunomourinho.lean_time_ansible symlink to current repository in order to enable Ansible to find the role using its expected full name.
```

```
INFO Added ANSIBLE_ROLES_PATH=~/.ansible/roles:/usr/share/ansible/roles:/etc/ansible/roles:./cache/roles
```

```
INFO Running default > dependency
```

```
WARNING Skipping, missing the requirements file.
```

```
WARNING Skipping, missing the requirements file.
```

```
INFO Running default > create
```

```
WARNING Skipping, instances already created.
```

```
INFO Running default > prepare
```

```
WARNING Skipping, instances already prepared.
```

```
INFO Running default > converge
```

```
PLAY [Converge] *****
```

```
TASK [Gathering Facts] *****
```

```
ok: [ubuntu-20.04]
```

```
TASK [Include lean_time_ansible] *****
```

```
TASK [lean_time_ansible : Atualiza a cache (equivalente a apt update)] *****
```

```
ok: [ubuntu-20.04]
```

```
PLAY RECAP *****
```

```
ubuntu-20.04 : ok=2 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
```

```
j0;admlcal@devOps: ~/lean_time_ansibleadmlcal@devOps:~/lean_time_ansible$ molecule converge
```

```
# Tutorial de inspira o para a infraestrutura conduzida por teste no site
# https://www.adictosaltrabajo.com/2020/05/08/ansible-testing-using-molecule-with-ansi
conduzida por testes"hosts: allgather_facts: falsebecome: truetasks:- name: "Simula o: Atualizar a cache do
sistema"apt:update_cache: truecheck_mode: truregister: estado- name: "teste: a cache encontra-se
atualizada?"assert:that: -not estado.changedsuccess_msg: "SUCESSO: A cache est  atualizada"fail_msg: "ERRO:
Existem atualiza es pendentes"
```

```
25h[?25l3[?12l[?25h[?25l6[?12l[?25h[?25l0[?12l[?25h[?25l0[?12l[?25h[?25l M-D Formato DOS M-A Anexar M-B
SeguranÃ§aC Cancelar M-M Formato Mac M-P Prepor ^T P/ ficheiros
Nome do ficheiro onde escrever: molecule/default/verify.yml [?12l[?25h[?25l [ A escrever... ] [ 23 linhas escritas ]^O
Gravar ^W Procurar ^K Cortar txt ^J Justificar ^C Pos cursorX Sair ^R Carregar ^\ Substituir ^U Colar txt ^T
Ortografia ^ Ir p/ linha
[?12l[?25h[?25l
[?12l[?25h[?1049l
[?1l>[?2004l]0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ nano
molecule/default/verify.yml molecule verifyconvergeverify
INFO default scenario test matrix: verify
INFO Performing prerun...
INFO Using .cache/roles/nunomourinho.leantime_ansible symlink to current repository in order to enable Ansible to
find the role using its expected full name.
INFO Added ANSIBLE_ROLES_PATH=~/.ansible/roles:/usr/share/ansible/roles:/etc/ansible/roles:./.cache/roles
INFO Running default > verify
INFO Running Ansible Verifier
```

PLAY [Infraestrutura conduzida por testes] *****

TASK [SimulaÃ§Ã£o: Atualizar a cache do sistema] *****
ok: [ubuntu-20.04]

TASK [teste: a cache encontra-se atualizada?] *****
ok: [ubuntu-20.04] => {
"changed": false,
"msg": "SUCESSO: A cache estÃ¡ atualizada"
}

PLAY RECAP *****
ubuntu-20.04 : ok=2 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

INFO Verifier completed successfully.
]0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible\$ exit