

```
]0;admlocal@devOps: ~/leantime_ansibleadmlocal@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[?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[?25ll[?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[?25ll[?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[?
[?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[?25ll[?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[?25ll[?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
Seguran saC
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 cursorX
Sair ^R
Carregar ^\
Substituir ^U
Colar txt ^T
Ortografia ^
Ir p/ linha
[?12l[?25h[?25l[?12l[?25h[?1049l
[?1l>[?2004l]0;admlocal@devOps: ~/leantime_ansibleadmlocal@devOps:~/leantime_ansible$ molecule lint
INFO
```

default scenario test matrix: dependency, lint

INFO

Performing prerun...

INFO

Using .cache/roles/nunomourinho.leanime\_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;admlocal@devOps: ~/leanime\_ansibleadmlocal@devOps:~/leanime\_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

Ajudar ^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

SeguranAaC

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 cursorX
Sair ^R
Carregar ^\
Substituir ^U
Colar txt ^T
Ortografia ^_
Ir p/ linha
```

```
[?12l[?25h[?25l[?12l[?25h[?1049l
[?1l>[?2004l]0;admllocal@devOps: ~/leantime_ansibleadmllocal@devOps:~/leantime_ansible$ nano
tasks/tasks.ymlmolecule 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
```

```
Loading custom .yamllint config file, this extends our internal yamllint config.
]0;admllocal@devOps: ~/leantime_ansibleadmllocal@devOps:~/leantime_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[?25ln[?12l[?25h[?25lc[?  
12l[?25h[?25ll[?12l[?25h[?25lu[?12l[?25h[?25ld[?12l[?25h[?25le[?12l[?25h[?25l:[?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[?25ll[?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  
SeguranÃ§aC  
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]0;admlocal@devOps: ~/leantime\_ansibleadmlocal@devOps:~/leantime\_ansible\$ nano tasks/main.yml  
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
```

```
Loading custom .yamllint config file, this extends our internal yamllint config.
]0;admlocal@devOps: ~/leantime_ansibleadmlocal@devOps:~/leantime_ansible$ molecule converge
```

```
INFO
default scenario test matrix: dependency, create, prepare, converge
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
>
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 leantime_ansible] *****
```

```
TASK [leantime_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: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ molecule convergeverify
```

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**

**:/usr/share/ansible/**

**roles**

INFO

Running

default

>

verify

INFO

Running Ansible Verifier

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

TASK [Simula  o: Atualizar a cache do sistema] \*\*\*\*\*

changed: [ubuntu-20.04]

TASK [teste: a cache encontra-se atualizada?] \*\*\*\*\*

fatal: [ubuntu-20.04]: FAILED! => {

"assertion": "not estado.changed",

"changed": false,

"evaluated\_to": false,

"msg": "ERRO: Existem atualiza  es pendentes"

}

PLAY RECAP \*\*\*\*\*

ubuntu-20.04

: ok=1

changed=1

unreachable=0 failed=1

skipped=0 rescued=0 ignored=0

**CRITICAL**

Ansible return code was **2**

, command was: ansible-playbook --inventory /home/admlcal/.cache/molecule/leantime\_ansible/default/

inventory

--skip-tags molecule-notest,notest /home/admlcal/leantime\_ansible/molecule/default/

verify.yml

```
j0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ molecule verify
```

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 [Simula  o: Atualizar a cache do sistema] *****
changed: [ubuntu-20.04]
```

```
TASK [teste: a cache encontra-se atualizada?] *****
fatal: [ubuntu-20.04]: FAILED! => {
```

```
"assertion": "not estado.changed",
"changed": false,
"evaluated_to": false,
"msg": "ERRO: Existem atualiza  es pendentes"
}
```

```
PLAY RECAP *****
ubuntu-20.04
: ok=1
changed=1
unreachable=0 failed=1
skipped=0 rescued=0 ignored=0
```

## CRITICAL

```
Ansible return code was 2
, command was: ansible-playbook --inventory /home/admlocal/.cache/molecule/leantime_ansible/default/
inventory
--skip-tags molecule-notest,notest /home/admlocal/leantime_ansible/molecule/default/
verify.yml
```

```
j0;admlocal@devOps: ~/leantime_ansibleadmlocal@devOps:~/leantime_ansible$ nano molecule/default/verify.yml
[?2004h[?1049h[?7h[?1h=[?1h=[?25l[ A ler... ]
[ 22 linhas lidas ]
GNU nano 4.8 molecule/default/verify.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
```

```
---
# Tutorial de inspiraÃ§Ã£o para a infraestrutura conduzida por teste no site
# https://www.adictosaltrabajo.com/2020/05/08/ansible-testing-using-molecule-with-ansi
>
- name: "Infraestrutura conduzida por testes"hosts: allgather_facts: falsebecome: truetasks:- name: "SimulaÃ§Ã£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 estÃ¡ atualizada"fail_msg: "ERRO:
Existem atualizaÃ§Ãµes pendentes"
[?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[?
M[?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[?25la[?12l[?25h[?25l [?12l[?25h[?25lv[?12l[?25h[?25la[?12l[?25h[?25ll[?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 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;admlocal@devOps: ~/leantime\_ansibleadmlocal@devOps:~/leantime\_ansible\$ exit