

```
j0:admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ exitnano molecule/default/verify.yml
[?2004h[?1049h[?7h[?1h=[?25l[ A ler... ] 108 linhas lidas ] GNU nano 4.8 molecule/default/verify.yml
^G Ajuda^O Gravar^W Procurar^K Cortar txt ^J Justificar ^C Pos cursor M-U Desfazer M-A Marcar txt
^X Sair^R Carregar^_ Substituir ^U Colar txt ^T Ortografia ^ Ir p/ linha M-E RefazerM-6 Copiar txt
```

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-ansible-as-verifier/
- name: "Infraestrutura conduzida por testes"hosts: allgather_facts: falsebecome: truetasks:- name: "SimulaÃ§Ã£o:
Atualizar a cache do sistema"apt:update_cache: truecache_valid time: 3600check_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"- name: "Atualizar o sistema operativo (equivalente a apt
upgrade)"apt:upgrade: safecheck_mode: truregister: estado- name: "teste: o sistema operativo encontra-se
atualizado?"assert:that:- not estado.changedsuccess_msg: "SUCESSO: O sistema operativo estÃ¡ atualizado"
[?12l[?25h[?25l - not estado.changed success_msg: "SUCESSO: O sistema operativo estÃ¡ atualizado" fail_msg: "ERRO:
Existem atualizaÃ§Ãµes pendentes"
- 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"
- name: "SimulaÃ§Ã£o: testa se as aplicaÃ§Ãµes dependencia do software leantime se encontram instaladas"apt:pkg: - mc -
screen- git - apache2 - mysql-server- phpphp-mysql- php-ldap- php-cli- php-soap - php-json - graphviz- php-xml - php-gd -
php-zip- libapache2-mod-php - php-dev - libmcrypt-dev- gccmake- autoconf
[?12l[?25h[?25l78- make- autoconf- libc-dev- pkg-config- pwgen- curl- unzip- zip- php-mbstring- expect- net-tools- python3-
mysqldb- python3-aptpython3-pycurlcheck_mode: truregister: estados dependencias encontra-se instaladas?"s
dependencias estavam instaladas"Faltam instalar algumas dependencias. O software pode estar parcialmente instalado"
# Fonte de inspiraÃ§Ã£o: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/service_module.html- name:
"SimulaÃ§Ã£o: Testar se o serviÃ§o apache2 se encontra instalado, iniciado e ativo no arranque"service:name:
apache2state: startedenabled: truecheck_mode: truregister: estado
```

```
- name: "Teste: O serviÃ§o apache2 encontra-se ativo no arranque no sistema, e estÃ¡ iniciado?"assert:
[?12l[?25h[?25lO serviÃ§o apache2 encontra-se ativo no arranque no sistema, e estÃ¡ iniciado?"O serviÃ§o apache2 estÃ¡
correctamente instalado e inicia com o arranque do sistema"O serviÃ§o apache2 nÃ£o se encontra correcta
[?12l[?25h[?25l[?12l[?25h[?25lModificado
[?12l[?25h[?25l [?12l[?25h[?25l
```

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#[?12l[?25h[?25l [?12l[?25h[?25lF[?12l[?25h[?25lo[?12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25le[?12l[?25h[?25l.[?12l[?
25h[?25l [?12l[?25h[?25lh[?12l[?25h[?25lt[?12l[?25h[?25lt[?12l[?25h[?25lp[?12l[?25h[?25ls[?12l[?25h[?25l.[?12l[?25h[?
25l/
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25h[?25lt[?12l[?25h[?25lo[?12l[?25h[?25lr[?12l[?25h[?25li[?12l[?25h[?25la[?12l[?25h[?25li[?12l[?25h[?25ls[?12l[?25h[?
25l.[?12l[?25h[?25lc[?12l[?25h[?25lo[?12l[?25h[?25lm[?12l[?25h[?25lu[?12l[?25h[?25ls[?12l[?25h[?25li[?
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[?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25lf[?12l[?25h[?25li[?12l[?25h[?25ln[?12l[?
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[illegible]

[illegible]


```
^U Colar txt ^T Ortografia ^ Ir p/ linha M-E Refazer M-6 Copiar txt
[?12l[?25h[?25l[?12l[?25h[?1049l
[?11>[?2004l]0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ nano
molecule/default/verify.yml [8@ansible-lint
Loading custom .yamllint config file, this extends our internal yamllint config.
]0;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 [SimulaÃ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 atualizaÃ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
]0;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 [SimulaÃ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"
}

TASK [Atualizar o sistema operativo (equivalente a apt upgrade)]
*****

changed: [ubuntu-20.04]

TASK [teste: o sistema operativo encontra-se atualizado?]
*****

fatal: [ubuntu-20.04]: FAILED! => {
  "assertion": "not estado.changed",
  "changed": false,
  "evaluated to": false,
  "msg": "ERRO: Existem atualizaÃes pendentes"
}

PLAY RECAP
*****
ubuntu-20.04 : ok=3 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 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]

TASK [leantime_ansible : Atualiza o sistema operativo]
*****
changed: [ubuntu-20.04]

TASK [leantime_ansible : Instalar as dependencias necess ria ao programa leantime]
*****
ok: [ubuntu-20.04]

TASK [leantime_ansible : Instala o servi o apache2 no arranque do sistema]
*****
ok: [ubuntu-20.04]

PLAY RECAP
*****
ubuntu-20.04 : ok=5 changed=1 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:././cache/roles
INFO Running default > verify
INFO Running Ansible Verifier

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

TASK [Simula o: Atualizar a cache do sistema]
*****
ok: [ubuntu-20.04]

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

TASK [Atualizar o sistema operativo (equivalente a apt upgrade)]
*****
ok: [ubuntu-20.04]
```

```
TASK [teste: o sistema operativo encontra-se atualizado?]
*****
ok: [ubuntu-20.04] => {
  "changed": false,
  "msg": "SUCESSO: O sistema operativo estÃ¡ atualizado"
}
```

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

```
TASK [SimulaÃ§Ã£o: testa se as aplicaÃ§Ães dependencia do software leantime se encontram instaladas]
*****
ok: [ubuntu-20.04]
```

```
TASK [Teste: as dependencias encontra-se instaladas?]
*****
ok: [ubuntu-20.04] => {
  "changed": false,
  "msg": "SUCESSO: As dependencias estavam instaladas"
}
```

```
TASK [SimulaÃ§Ã£o: Testar se o serviÃço apache2 se encontra instalado, iniciado e ativo no arranque]
*****
ok: [ubuntu-20.04]
```

```
TASK [Teste: O serviÃço apache2 encontra-se ativo no arranque no sistema, e estÃ¡ iniciado?]
*****
ok: [ubuntu-20.04] => {
  "changed": false,
  "msg": "SUCESSO: O serviÃço apache2 estÃ¡ correctamente instalado e inicia com o arranque do sistema"
}
```

```
TASK [Rotina Auxiliar> Procura o caminho do ficheiro php.ini do servidor apache2]
*****
ok: [ubuntu-20.04]
```

```
TASK [SimulaÃ§Ã£o: Ativa a opÃ§Ã£o file_uploads no ficheiro php.ini, utilizando o mÃ³dulo lineinfile.]
*****
changed: [ubuntu-20.04] => (item={'regex': '^file_uploads', 'line': 'file_uploads = 1'})
changed: [ubuntu-20.04] => (item={'regex': '^upload_max_filesize', 'line': 'upload_max_filesize = 1G'})
ok: [ubuntu-20.04] => (item={'regex': '^max_file_uploads', 'line': 'max_file_uploads = 20'})
changed: [ubuntu-20.04] => (item={'regex': '^post_max_size', 'line': 'post_max_size = 2G'})
changed: [ubuntu-20.04] => (item={'regex': '^memory_limit', 'line': 'memory_limit = 2G'})
changed: [ubuntu-20.04] => (item={'regex': '^max_input_time', 'line': 'max_input_time = 3600'})
```

```
TASK [Teste: As linhas do php.ini encontram-se alteradas ?]
*****
fatal: [ubuntu-20.04]: FAILED! => {
  "assertion": "not estado.changed",
  "changed": false,
  "evaluated_to": false,
  "msg": "ERRO: Algumas alteraÃ§Ães ao ficheiro php.ini nÃ£o tiveram sucesso"
}
```

```
PLAY RECAP
*****
ubuntu-20.04 : ok=11 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
]0;admlocal@devOps: ~/leantime_ansibleadmlocal@devOps:~/leantime_ansible$ exit
exit
```