

```
[?] [?0004h[?
1049h[?7h[?1h=[?1h=[?25l[ A ler... ]][ 81 linhas lidas ] GNU nano 4.8 tasks/tasks.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 ---- name: Atualiza a cache (equivalente a apt update)apt:update_cache:
truecache valid time: 3600- name: "Atualiza o sistema operativo"apt:upgrade: safe- name: "Instalar as dependencias
necessÁria ao programa leantime"apt:pkg:- mc- screen- git- apache2- mysql-server- php- php-mysql- php-ldap- php-cli-
php-soap- php-json- graphviz- php-xml- php-gd- php-zip- libapache2-mod-php- php-dev- libmccrypt-dev- gcc- make- autoconf-
libc-dev [?12l[?25h[?25l - autoconf - libc-dev - pkg-config- pwgen- curl- unzip - zip - php-mbstring- expect- net-tools -
python3-mysqldb - python3-apt- python3-pycurl # Fonte de inspiraÃ§Ão:
https://docs.ansible.com/ansible/latest/collections/ansible/builtin/service_module.html- name: "Instala o serviÃ§o apache2
no arranque do sistema"service:name: apache2state: startedenabled: true # Fonte:
https://www.mydailytutorials.com/using-ansible-find-module-search-filesfolder- name: "Rotina Auxiliar: Procura o caminho
do ficheiro php.ini do servidor apache2"find:paths: /etcpatterns: "php.ini"recurse: truregister: caminho_php_ini # Fonte:
https://docs.ansible.com/ansible/latest/collections/ansible/builtin/lineinfile_module.html- name: "Ativa vÁrias opÃ§Ães no
ficheiro php.ini, utilizando o mÃ³dulo lineinfile."ansible.builtin.lineinfile:path: "{{ caminho_php_ini.files[0].path }}"regexp:
"{{ item.regexp }}"line: "{{ { item.line }|}} [?12l[?25h[?25lregex: "{{ { item.regexp }|}} line: "{{ { item.line
}}}"with_items:regex: "^file_uploads" line: "file_uploads = 1"regex: "^upload_max_filesize" line: "upload_max filesize =
1G"regex: "^max_file_uploads" line: "max file uploads = 20"regex: "^post_max_size" line: "post max size = 2G"regex:
"^memory_limit" line: "memory_limit = 2G"- regex: "^max_input_time" line: "max input time = 3600" [?12l[?25h[?25l[?
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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 96:1 error too many blank lines (2 > 0)
(empty-lines) CRITICAL Lint failed with error code 1 ]0;admlocal@devOps:
~/leantime ansibleadmlocal@devOps:~/leantime ansible$ molecule lintnano tasks/tasks.yml [?2004h[?1049h[?7h[?1h=[?
1h=[?25l[ A ler... ] 96 linhas lidas ] GNU nano 4.8 tasks/tasks.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 ---- name: Atualiza a cache (equivalente a apt update)apt:update_cache:
truecache_valid_time: 3600- name: "Atualiza o sistema operativo"apt:upgrade: safe- name: "Instalar as dependencias
necess ria ao programa leantime"apt:pkg:- mc- screen- git- apache2- mysql-server- php- php-mysql- php-ldap- php-cli-
php-soap- php-json- graphviz- php-xml- php-gd- php-zip- libapache2-mod-php- php-dev- libmcrypt-dev- gcc- make- autoconf-
libc-dev [?12l[?25h[?25l In. par jg^Y Prim.linha^T Ir para txtC Cancelar O Fim par jgV  s!lt. linha Insira n   da linha, n  
da coluna: [?12l[?25h[?25l9 [?12l[?25h[?25l6 [?12l[?25h[?25l1 [?12l[?25h[?25l1 [?12l[?25h[?25l ^O GravarProcurar ^K
Cortar txt ^J Justificar ^C Pos cursor M-U Desfazer M-A Marcar txtX Sair ^R Carregar\ Substituir ^U Colar txtT
Ortografia ^ Ir p/ linha M-E RefazerM-6 Copiar txt line: "memory_limit = 2G" - regexp: "^max_input_time" line:
"max_input_time = 3600" # Fonte: https://docs.ansible.com/ansible/2.7/modules/file_module.htmlCria a directoria
tempor ria leantime e a directoria de apache leantimefile:path: "{ { item.path } }"state: directory mode: 0755 owner:
www-datagroup: www-datawith_items:path: "/tmp/leantime"path: "/var/www/leantime" [?12l[?25h[?25lModificado [?12l[?
25h[?25l [?12l[?25h[?25l M-D Formato DOSM-A AnexarB Seguran  aC Cancelar M-M Formato MacM-P Prepor^T P/
ficheiros Nome do ficheiro onde escrever: tasks/tasks.yml [?12l[?25h[?25l [ A escrever... ] [ 93 linhas escritas ] ^O
Gravar^W Procurar ^K Cortar txt ^J Justificar ^C Pos cursorU Desfazer M-A Marcar txtX Sair ^R Carregar^ Substituir
^U Colar txt ^T Ortografia ^ Ir p/ linha M-E Refazer M-6 Copiar txt [?12l[?25h[?25l[?12l[?25h[?1049l [?1l]>[?
2004l]0;admlocal@devOps: ~/leantime ansibleadmlocal@devOps:~/leantime ansible$ nano tasks/tasks.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] TASK [leantime_ ansible : Atualiza o
sistema operativo] ***** ok: [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] TASK
[leantime_ ansible : Rotina Auxiliar: Procura o caminho do ficheiro php.ini do servidor apache2]
***** ok: [ubuntu-20.04] TASK [leantime_ ansible : Ativa v rias op    es no ficheiro
php.ini, utilizando o m  dulo lineinfile.] ***** ok: [ubuntu-20.04] => (item={'regexp':
'^file_uploads', 'line': 'file_uploads = 1'}) ok: [ubuntu-20.04] => (item={'regexp': '^upload_max_filesize', 'line':
'upload_max_filesize = 1G'}) ok: [ubuntu-20.04] => (item={'regexp': '^max_file_uploads', 'line': 'max_file_uploads = 20'})
ok: [ubuntu-20.04] => (item={'regexp': '^post_max_size', 'line': 'post_max_size = 2G'}) ok: [ubuntu-20.04] => (item=
{'regexp': '^memory_limit', 'line': 'memory_limit = 2G'}) ok: [ubuntu-20.04] => (item={'regexp': '^max_input_time', 'line':
'max_input_time = 3600'}) TASK [leantime_ ansible : Cria a directoria tempor ria leantime e a directoria de apache
leantime] ***** changed: [ubuntu-20.04] => (item={'path': '/tmp/leantime'}) changed:
[ubuntu-20.04] => (item={'path': '/var/www/leantime'}) PLAY RECAP
*****
ubuntu-20.04 : ok=8 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0 ]0;admlocal@devOps:
~/leantime ansibleadmlocal@devOps:~/leantime ansible$ molecule convergeidempotence INFO default scenario test
matrix: idempotence 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 >
idempotence 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] ***** ok: [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] TASK
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[leantime_ ansible : Rotina Auxiliar: Procura o caminho do ficheiro php.ini do servidor apache2]
***** ok: [ubuntu-20.04] TASK [leantime_ ansible : Ativa várias opções no ficheiro
php.ini, utilizando o módulo lineinfile.] ***** ok: [ubuntu-20.04] => (item={ 'regex':
'^file_uploads', 'line': 'file_uploads = 1'}) ok: [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'})
ok: [ubuntu-20.04] => (item={ 'regex': '^post_max_size', 'line': 'post_max_size = 2G'}) ok: [ubuntu-20.04] => (item=
{ 'regex': '^memory_limit', 'line': 'memory_limit = 2G'}) ok: [ubuntu-20.04] => (item={ 'regex': '^max_input_time', 'line':
'max_input_time = 3600'}) TASK [leantime_ ansible : Cria a directoria temporária leantime e a directoria de apache
leantime] ***** ok: [ubuntu-20.04] => (item={ 'path': '/tmp/leantime'}) ok: [ubuntu-
20.04] => (item={ 'path': '/var/www/leantime'}) PLAY RECAP
*****
ubuntu-20.04 : ok=8 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0 INFO Idempotence completed
successfully. 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 [Simulação:
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 está 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 está atualizado" } TASK [Teste: a cache
encontra-se atualizada?] ***** ok:
[ubuntu-20.04] => { "changed": false, "msg": "SUCESSO: A cache está atualizada" } TASK [Simulação: testa se as
aplicações dependência do software leantime se encontram instaladas] ***** ok:
[ubuntu-20.04] TASK [Teste: as dependências encontra-se instaladas?]
***** ok: [ubuntu-20.04] => { "changed":
false, "msg": "SUCESSO: As dependências estavam instaladas" } TASK [Simulação: Testar se o serviço apache2 se
encontra instalado, iniciado e ativo no arranque] ***** ok: [ubuntu-20.04] TASK [Teste: O
serviço apache2 encontra-se ativo no arranque no sistema, e está iniciado?]
***** ok: [ubuntu-20.04] => { "changed": false, "msg": "SUCESSO: O serviço
apache2 está 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
[Simulação: Ativa a opção file_uploads no ficheiro php.ini, utilizando o módulo lineinfile.]
***** ok: [ubuntu-20.04] => (item={ 'regex': '^file_uploads', 'line': 'file_uploads = 1'})
ok: [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'}) ok: [ubuntu-20.04] => (item={ 'regex':
'^post_max_size', 'line': 'post_max_size = 2G'}) ok: [ubuntu-20.04] => (item={ 'regex': '^memory_limit', 'line':
'memory_limit = 2G'}) ok: [ubuntu-20.04] => (item={ 'regex': '^max_input_time', 'line': 'max_input_time = 3600'}) TASK
[Teste: As linhas do php.ini encontram-se alteradas ?]
***** ok: [ubuntu-20.04] => { "changed": false,
"msg": "SUCESSO: O ficheiro php.ini foi alterado com sucesso" } TASK [Simulação: Obtem informação sobre a pastas
/var/www/leantime] ***** ok: [ubuntu-20.04] TASK [Teste:
A pasta /var/www/leantime existe e tem as permissões certas?]
***** ok: [ubuntu-20.04] => { "changed": false, "msg":
"SUCESSO: Permissões correctas no site leantime" } PLAY RECAP
*****
ubuntu-20.04 : ok=14 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 exit
```