

```
j0:admlocal@devOps: ~/leantime_ansibleadmlocal@devOps:~/leantime_ansible$ nano tasks&/tasks.yml
[?2004h[?1049h[?7h[?1h=[?1h=[?25l[ A ler... ] 93 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 - autoconf - libc-dev - pkg-config- pwgen- curl- unzip - zip - php-mbstring- expect- net-tools - python3-
mysqldb - python3-apt- python3-pycurl
# Fonte de inspira  o: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/service_module.html- name:
"Instala o servi  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: trueregister: caminho_php_ini
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/lineinfile_module.html- name: "Ativa v rias
op  es no ficheiro php.ini, utilizando o m  dulo lineinfile."ansible.builtin.lineinfile:path: "{ {
caminho_php_ini.files[0].path } }"regex: "{ { item.regex } }"line: "{ { item.line } }"
[?12l[?25h[?25lregex: "{ { item.regex } }"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"
# Fonte: https://docs.ansible.com/ansible/2.7/modules/file_module.html- name: Cria a directoria tempor ria leantime e a
directoriatemp:leantimefile:path: "{ { item.path } }"state: directory mode: 0755 owner: www-data group: www-
datawith_items:- path: "/tmp/leantime"- path: "/var/www/leantime"
[?12l[?25h[?25l[?12l[?25h[?25lModificado
[?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l
# [?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[?25lA[?12l[?25h[?25ln[?12l[?25h[?25ls[?12l[?25h[?25li[?12l[?25h[?25lb[?12l[?25h[?25ll[?12l[?25h[?
25le[?12l[?25h[?25l [?12l[?25h[?25lf[?12l[?25h[?25lo
[?12l[?25h[?25lr[?12l[?25h[?25l [?12l[?25h[?25lD[?12l[?25h[?25le[?12l[?25h[?25lv[?12l[?25h[?25lO[?12l[?25h[?25lp[?12l[?
25h[?25ls[?12l[?25h[?25l [?12l[?25h[?25l-[?12l[?25h[?25l [?12l[?25h[?25lS[?12l[?25h[?25le[?12l[?25h[?25lr[?12l[?25h[?
25lv[?12l[?25h[?25le[?12l[?25h[?25lr[?12l[?25h[?25l [?12l[?25h[?25la[?12l[?25h[?25ln[?12l[?25h[?25ld[?12l[?25h[?25l [?
12l[?25h[?25lc[?12l[?25h[?25lo[?12l[?25h[?25ln[?12l[?25h[?25lf[?12l[?25h[?25li[?12l[?25h[?25lg[?12l[?25h[?25lu[?12l[?
25h[?25lr[?12l[?25h[?25la[?12l[?25h[?25lt[?12l[?25h[?25li[?12l[?25h[?25lo[?12l[?25h[?25ln[?12l[?25h[?25l [?12l[?25h[?
25lm[?12l[?25h[?25la[?12l[?25h[?25ln[?12l[?25h[?25la[?12l[?25h[?25lg[?12l[?25h[?25le[?12l[?25h[?25lm[?12l[?25h[?
25le[?12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25l [?12l[?25h[?25lf[?12l[?25h[?25lo[?12l[?25h[?25lr[?12l[?25h[?25l [?
12l[?25h[?25lh[?12l[?25h[?25lu[?12l[?25h[?25lm[?12l[?25h[?25la[?12l[?25h[?25ln[?12l[?25h[?25ls[?12l[?25h[?25l [?12l[?
25h[?25ld[?12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25lj[?12l[?25h[?25le[?12l[?25h[?25lf[?12l[?25h[?25li[?12l[?25h[?25l
[?12l[?25h[?25lG[?12l[?25h[?25le[?12l[?25h[?25le[?12l[?25h[?25lr[?12l[?25h[?25ll[?12l[?25h[?25li[?12l[?25h[?25ln[?12l[?
25h[?25lg[?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25lp[?12l[?25h[?25l [?12l[?25h[?25lg[?12l[?25h[?25li[?12l[?25h[?
25ln[?12l[?25h[?25la[?12l[?25h[?25l [?12l[?25h[?25l9[?12l[?25h[?25l8[?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[?25li[?12l[?25h[?25l [?12l[?25h[?25l]"[?12l[?25h[?25lC[?12l[?25h[?25lr[?12l[?25h[?
25li[?12l[?25h[?25la[?12l[?25h[?25l [?12l[?25h[?25la[?12l[?25h[?25l [?12l[?25h[?25lb[?12l[?25h[?25la[?12l[?25h[?25ls[?
12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25ld[?12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25ld[?12l[?25h[?25la[?12l[?
25h[?25ld[?12l[?25h[?25lo[?12l[?25h[?25ls[?12l[?25h[?25l [?12l[?25h[?25ld[?12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?
25lm[?12l[?25h[?25ly[?12l[?25h[?25ls[?12l[?25h[?25lq[?12l[?25h[?25ll[?12l[?25h[?25l [?12l[?25h[?25lp[?12l[?25h[?25la[?
12l[?25h[?25lr[?12l[?25h[?25la[?12l[?25h[?25l [?12l[?25h[?25lo[?12l[?25h[?25l [?12l[?25h[?25ll[?12l[?25h[?25le[?12l[?
25h[?25la[?12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25li[?12l[?25h[?25lm[?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[?25lm[?12l[?25h[?25ly[?12l[?
25h[?25ls[?12l[?25h[?25lq[?12l[?25h[?25ll[?12l[?25h[?25l [?12l[?25h[?25ld[?12l[?25h[?25lb[?12l[?25h[?25li[?12l[?25h[?
25l [?12l[?25h[?25l]"[?12l[?25h[?25ld[?12l[?25h[?25lb[?12l[?25h[?25l=[?12l[?25h[?25ll[?12l[?25h[?25le[?12l[?25h[?25la[?
12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25li[?12l[?25h[?25lm[?12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25ld[?12l[?
25h[?25la[?12l[?25h[?25lt[?12l[?25h[?25la[?12l[?25h[?25lb[?12l[?25h[?25la[?12l[?25h[?25ls[?12l[?25h[?25le[?12l[?25h[?
25l [?12l[?25h[?25ls[?12l[?25h[?25lt[?12l[?25h[?25la[?12l[?25h[?25lt[?12l[?25h[?25le[?12l[?25h[?25l=[?12l[?25h[?25lp[?
12l[?25h[?25lr[?12l[?25h[?25le[?12l[?25h[?25ls[?12l[?25h[?25le[?12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25li[?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[?25li[?12l[?25h[?25l]"[?12l[?25h[?25lC[?12l[?25h[?
25lr[?12l[?25h[?25li[?12l[?25h[?25la[?12l[?25h[?25l [?12l[?25h[?25lo[?12l[?25h[?25l [?12l[?25h[?25lu[?12l[?25h[?25lt[?
12l[?25h[?25li[?12l[?25h[?25ll[?12l[?25h[?25li[?12l[?25h[?25lz[?12l[?25h[?25la[?12l[?25h[?25ld[?12l[?25h[?25lo[?12l[?
25h[?25lr[?12l[?25h[?25l [?12l[?25h[?25lp[?12l[?25h[?25la[?12l[?25h[?25lr[?12l[?25h[?25la[?12l[?25h[?25l [?12l[?25h[?
25la[?12l[?25h[?25l [?12l[?25h[?25lb[?12l[?25h[?25la[?12l[?25h[?25ls[?12l[?25h[?25le[?12l[?25h[?25ld[?
12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25ld[?12l[?25h[?25la[?12l[?25h[?25ld[?12l[?25h[?25lo[?12l[?25h[?25ls[?12l[?
25h[?25l [?12l[?25h[?25ll[?12l[?25h[?25le[?12l[?25h[?25la[?12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25li[?12l[?25h[?
25lm[?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[?25lm[?12l[?25h[?25ly[?12l[?
25h[?25ls[?12l[?25h[?25lq[?12l[?25h[?25ll[?12l[?25h[?25l [?12l[?25h[?25lu[?12l[?25h[?25ls[?12l[?25h[?25le[?12l[?25h[?
25lr[?12l[?25h[?25li[?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[?25ln[?12l[?25h[?25la[?12l[?25h[?25lm[?12l[?25h[?25le[?12l[?25h[?25li[?12l[?25h[?25l [?12l[?25h[?25ll[?12l[?25h[?
25le[?12l[?25h[?25la[?12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25li[?12l[?25h[?25lm[?12l[?25h[?25le[?12l[?25h[?25lD[?
12l[?25h[?25lB[?12l[?25h[?25la[?12l[?25h[?25ld[?12l[?25h[?25lm[?12l[?25h[?25li[?12l[?25h[?25ln[?12l[?25h[?25l78
```

```
[?]2l[?]25h[?]25l[?]2l[?]25h[?]25lModificado
[?]2l[?]25h[?]25l M-D Formato DOSM-A AnexarB SeguranÃaC Cancelar M-M Formato MacM-P Prepor^T P/ ficheiros
Nome do ficheiro onde escrever: vars/main.yml [?]2l[?]25h[?]25l [ A escrever... ] [ 1 linha escrita ]^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
[?]2l[?]25h[?]25lModificado
[?]2l[?]25h[?]25l [?]2l[?]25h[?]25l [?]2l[?]25h[?]25l [?]2l[?]25h[?]25l [?]2l[?]25h[?]25l[?]2l[?]25h[?]25lo[?]2l[?]25h[?]25lg[?]2l[?]
25h[?]25li[?]2l[?]25h[?]25ln[?]2l[?]25h[?]25l _[?]2l[?]25h[?]25l[?]2l[?]25h[?]25le[?]2l[?]25h[?]25la[?]2l[?]25h[?]25ln[?]2l[?]25h[?]
25lt[?]2l[?]25h[?]25li[?]2l[?]25h[?]25lm[?]2l[?]25h[?]25le[?]2l[?]25h[?]25l[?]2l[?]25h[?]25l[?]2l[?]25h[?]25l[?]2l[?]25h[?]25le[?]
2l[?]25h[?]25la[?]2l[?]25h[?]25ln[?]2l[?]25h[?]25lt
[?]2l[?]25h[?]25li[?]2l[?]25h[?]25lm[?]2l[?]25h[?]25le[?]2l[?]25h[?]25lD[?]2l[?]25h[?]25lB[?]2l[?]25h[?]25la[?]2l[?]25h[?]25ld[?]
2l[?]25h[?]25lm[?]2l[?]25h[?]25li[?]2l[?]25h[?]25ln[?]2l[?]25h[?]25l
[?]2l[?]25h[?]25l [?]2l[?]25h[?]25l [?]2l[?]25h[?]25l [?]2l[?]25h[?]25l [?]2l[?]25h[?]25lp[?]2l[?]25h[?]25la[?]2l[?]25h[?]25ls[?]2l[?]
25h[?]25ls[?]2l[?]25h[?]25lwf[?]2l[?]25h[?]25lo[?]2l[?]25h[?]25lr[?]2l[?]25h[?]25ld[?]2l[?]25h[?]25l [?]2l[?]25h[?]25l[?]2l[?]25h[?]
25le[?]2l[?]25h[?]25la[?]2l[?]25h[?]25ln[?]2l[?]25h[?]25lt[?]2l[?]25h[?]25li[?]2l[?]25h[?]25lm[?]2l[?]25h[?]25le[?]2l[?]25h[?]25l[?]
2l[?]25h[?]25l [?]2l[?]25h[?]25l"[?]2l[?]25h[?]25l#[?]2l[?]25h[?]25lS[?]2l[?]25h[?]25l3[?]2l[?]25h[?]25lg[?]2l[?]25h[?]25lr[?]2l[?]
25h[?]25l3[?]2l[?]25h[?]25ld[?]2l[?]25h[?]25l0[?]2l[?]25h[?]25lS[?]2l[?]25h[?]25l3[?]2l[?]25h[?]25lc[?]2l[?]25h[?]25lr[?]2l[?]25h[?]
25l3[?]2l[?]25h[?]25lt[?]2l[?]25h[?]25l0[?]2l[?]25h[?]25l#[?]2l[?]25h[?]25l"[?]2l[?]25h[?]25l
[?]2l[?]25h[?]25l M-D Formato DOSM-A AnexarB SeguranÃaC Cancelar M-M Formato MacM-P Prepor^T P/ ficheiros
Nome do ficheiro onde escrever: vars/main.yml [?]2l[?]25h[?]25l [ A escrever... ] [ 5 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
[?]2l[?]25h[?]25l[?]2l[?]25h[?]1049l
[?]1l>[?]2004l[?]0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ nano vars/main.yml
[2@tasks/tasks
[?]2004h[?]1049h[?]7h[?]1h=[?]1h=[?]25l[ A ler... ] [ 105 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 necessÃria 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
[?]2l[?]25h[?]25l - autoconf - libc-dev - pkg-config- pwgen- curl- unzip - zip - php-mbstring- expect- net-tools - python3-
mysqldb - python3-apt- python3-pycurl
# Fonte de inspiraÃo: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/service_module.html- name:
"Instala o serviÃo 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: trueregister: caminho_php_ini
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/lineinfile_module.html- name: "Ativa vÃrias
```

```
opões no ficheiro php.ini, utilizando o módulo lineinfile."ansible.builtin.lineinfile:path: "{ {
caminho_php_ini.files[0].path }}"regex: "{ { item.regex }}"line: "{ { item.line }}"
[?12l[?25h[?25lregex: "{ { item.regex }}"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"
# Fonte: https://docs.ansible.com/ansible/2.7/modules/file_module.html- name: Cria a directoria temporária leantime e a
directoriatemporal de apache leantimefile:path: "{ { item.path }}"state: directory mode: 0755 owner: www-data group: www-
datawith_items:- path: "/tmp/leantime"- path: "/var/www/leantime"
# Fonte: Ansible for DevOps - Server and configuration management for humans de Jeff Geerling, página 98
- name: "Cria a base de dados de mysql para o leantime" mysql_db: "db=leantime_database state=present"
- name: "Cria o utilizador para a base de dados leantime"mysql_user:name: leantimeDBAdmin
[?12l[?25h[?25lmysql_user:name: leantimeDBAdmin password: "#S3gr3d0S3cr3t0#"priv: "leantime_database.*:ALL"host:
localhoststate: present
[?12l[?25h[?25lModificado
[?12l[?25h[?25l
[?12l[?25h[?25lGravar buffer modificado? S Sim
N Não C Cancelar[?12l[?25h[?25l
[?12l[?25h[?1049l
[?1l[?2004l]0;admllocal@devOps: ~/leantime ansibleadmllocal@devOps:~/leantime$ nano tasks/tasks.yml
[?2004h[?1049h[?7h[?1h=[?1h=[?25l[ A ler... ] 105 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 necessria 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- libmbedtls-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 inspiraço: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/service_module.html- name:
"Instala o serviço 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: trueregister: caminho_php_ini
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/lineinfile_module.html- name: "Ativa várias
opões no ficheiro php.ini, utilizando o módulo lineinfile."ansible.builtin.lineinfile:path: "{ {
caminho_php_ini.files[0].path }}"regex: "{ { item.regex }}"line: "{ { item.line }}"
[?12l[?25h[?25lregex: "{ { item.regex }}"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"
# Fonte: https://docs.ansible.com/ansible/2.7/modules/file_module.html- name: Cria a directoria temporária leantime e a
directoriatemporal de apache leantimefile:path: "{ { item.path }}"state: directory mode: 0755 owner: www-data group: www-
datawith_items:- path: "/tmp/leantime"- path: "/var/www/leantime"
# Fonte: Ansible for DevOps - Server and configuration management for humans de Jeff Geerling, página 98
- name: "Cria a base de dados de mysql para o leantime" mysql_db: "db=leantime_database state=present"
- name: "Cria o utilizador para a base de dados leantime"mysql_user:name: leantimeDBAdmin
[?12l[?25h[?25lmysql_user:name: leantimeDBAdmin password: "#S3gr3d0S3cr3t0#"priv: "leantime_database.*:ALL"host:
localhoststate: present
[?12l[?25h[?25lModificado
[?12l[?25h[?25l
[?12l[?25h[?25l [?12l[?25h[?25l[?12l[?25h[?25lo[?12l[?25h[?25lg[?12l[?25h[?25li[?12l[?25h[?25ln[?12l[?25h[?25l [?12l[?
25h[?25li[?12l[?25h[?25le[?12l[?25h[?25la[?12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25li[?12l[?25h[?25lm[?12l[?25h[?
25le[?12l[?25h[?25l [?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l78
[?12l[?25h[?25l
[?12l[?25h[?25l
[?12l[?25h[?25l[ Entrada literal ][?1l[?12l[?25h
[?25l[?1h=[?1h=[?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[?25li[?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?
25l[?12l[?25h[?25l][?12l[?25h[?25l [?12l[?25h[?25li[?12l[?25h[?25lo[?12l[?25h[?25lg[?12l[?25h[?25li[?12l[?25h[?25ln[?
12l[?25h[?25l [?12l[?25h[?25li[?12l[?25h[?25le[?12l[?25h[?25la[?12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25li[?12l[?
25h[?25lm[?12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l78
M[?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?25h[?25l [?12l[?
25h[?25lp[?12l[?25h[?25la[?12l[?25h[?25ls[?12l[?25h[?25ls[?12l[?25h[?25lw[?12l[?25h[?25lo[?12l[?25h[?25lr[?12l[?25h[?
25ld[?12l[?25h[?25l[?12l[?25h[?25l [?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25lp[?
12l[?25h[?25la[?12l[?25h[?25ls[?12l[?25h[?25ls[?12l[?25h[?25lw[?12l[?25h[?25lo[?12l[?25h[?25lr[?12l[?25h[?25ld[?12l[?
25h[?25l [?12l[?25h[?25li[?12l[?25h[?25le[?12l[?25h[?25la[?12l[?25h[?25ln[?12l[?25h[?25lt[?12l[?25h[?25li[?12l[?25h[?
25lm[?12l[?25h[?25le[?12l[?25h[?25l [?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l][?12l[?25h[?25l78
M[?12l[?25h[?25l
[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l78
M- name: "Cria o utilizador para a base de dados leantime"[?12l[?25h[?25l78
M[?12l[?25h[?25l78Mmysql_db: "db=leantime_database state=present"[?12l[?25h[?25l78
M- name: "Cria a base de dados de mysql para o leantime"[?12l[?25h[?25l78
M # Fonte: Ansible for DevOps - Server and configuration management for humans de Jeff Geerling, página 98[?12l[?
25h[?25l78
M[?12l[?25h[?25l78M- path: "/var/www/leantime"[?12l[?25h[?25l78
M- path: "/tmp/leantime"[?12l[?25h[?25l78
Mwith_items:[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l
```

CRITICAL Lint failed with error code 2

```
admlocal@devOps: ~/leantime_ansibleadmlocal@devOps:~/leantime_ansible$ nano .ansible-lint
[2004h][1049h][77h][1h=[1h=[25l Novo ficheiro ] GNU nano 4.8 .ansible-lint
```



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

```
warn_list: # or 'skip_list' to silence them completely- command-instead-of-shell [?12l[?25h[?25l
[?12l[?25h[?25l M-D Formato DOSM-A AnexarB SeguranÃsaC Cancelar M-M Formato MacM-P Prepor^T P/ ficheiros
Nome do ficheiro onde escrever: .ansible-lint [?12l[?25h[?25l [ A escrever em FIFO... ] [ A escrever... ] [ 3 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;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ nano .ansible-lintmolecule
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.
WARNING Listing 1 violation(s) that are fatal
command-instead-of-shell: Use shell only when shell functionality is required
molecule/default/verify.yml:166 Task/Handler: SimulaÃsÃfo: Verifica se Ã© necessÃrio criar a base de dados
leantime_database
```

```
You can skip specific rules or tags by adding them to your configuration file:
# .ansible-lint
warn_list: # or 'skip_list' to silence them completely
Finished with 0 failure(s), 1 warning(s) on 38 files.
]0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ molecule lintnano .ansible-lint
[?2004h[?1049h[?7h[?1h=[?1h=[?25l[ A ler... ] [ 3 linhas lidas ] GNU nano 4.8 .ansible-lint
^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
[?12l[?25h[?25lModificado
[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25ls list: # or 'skip_list' to silence them completely
s[?12l[?25h[?25lk list: # or 'skip_list' to silence them completely
sk[?12l[?25h[?25li list: # or 'skip_list' to silence them completely
ski[?12l[?25h[?25lp list: # or 'skip_list' to silence them completely[?12l[?25h[?25l M-D Formato DOSM-A AnexarB
SeguranÃsaC Cancelar M-M Formato MacM-P Prepor^T P/ ficheiros
Nome do ficheiro onde escrever: .ansible-lint [?12l[?25h[?25l [ A escrever... ] [ 3 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[?25l[?12l[?25h[?25l
[?12l[?25h[?1049l
[?1l>[?2004l]0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ nano .ansible-lintmolecule
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;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)]

changed: [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={'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 tempor ria leantime e a directoria de apache leantime]

ok: [ubuntu-20.04] => (item={'path': '/tmp/leantime'})
ok: [ubuntu-20.04] => (item={'path': '/var/www/leantime'})

TASK [leantime_ansible : Cria a base de dados de mysql para o leantime]

changed: [ubuntu-20.04]

TASK [leantime_ansible : Cria o utilizador para a base de dados leantime]

[WARNING]: Module did not set no_log for update_password
changed: [ubuntu-20.04]

PLAY RECAP

ubuntu-20.04 : ok=10 changed=3 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

]0;admlocal@devOps: ~/leantime_ansibleadmlocal@devOps:~/leantime_ansible\$ molecule idempotence
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 [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={'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 tempor ria leantime e a directoria de apache leantime]

ok: [ubuntu-20.04] => (item={'path': '/tmp/leantime'})
ok: [ubuntu-20.04] => (item={'path': '/var/www/leantime'})

TASK [leantime_ ansible : Cria a base de dados de mysql para o leantime]

ok: [ubuntu-20.04]

TASK [leantime_ ansible : Cria o utilizador para a base de dados leantime]

[WARNING]: Module did not set no_log for update_password
changed: [ubuntu-20.04]

PLAY RECAP

ubuntu-20.04 : ok=10 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

CRITICAL Idempotence test failed because of the following tasks:
* => leantime_ ansible : Cria o utilizador para a base de dados leantime
[0;admlocal@devOps: ~/leantime_ ansibleadmlocal@devOps:~/leantime_ ansible\$ molecule verify
INFO default scenario test matrix: verify
INFO Performing prurun...
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.]

```
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 [SimulaÃ§Ã£o: Obtem informaÃ§Ão sobre a pastas /var/www/leantime]

ok: [ubuntu-20.04]

TASK [Teste: A pasta /var/www/leantime existe e tem as permissÃes certas?]

```
ok: [ubuntu-20.04] => {
"changed": false,
"msg": "SUCESSO: PermissÃes correctas no site leantime"
}
```

TASK [SimulaÃ§Ã£o: Verifica se Ã© necessÃrio criar a base de dados leantime_database]

ok: [ubuntu-20.04]

TASK [Teste: A base de dados leantime_database existe ?]

ok: [ubuntu-20.04] => {


```
"changed": false,
"msg": "SUCESSO: A base de dados leantime_database já se encontra criada"
}
```

```
PLAY RECAP
*****
ubuntu-20.04 : ok=16 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
```

```
INFO Verifier completed successfully.
]0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ molecule verifyidempotence
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 [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={'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 tempor ria leantime e a directoria de apache leantime]
*****
ok: [ubuntu-20.04] => (item={'path': '/tmp/leantime'})
ok: [ubuntu-20.04] => (item={'path': '/var/www/leantime'})
```

```
TASK [leantime_ansible : Cria a base de dados de mysql para o leantime]
*****
ok: [ubuntu-20.04]
```

```
TASK [leantime_ansible : Cria o utilizador para a base de dados leantime]
*****
[WARNING]: Module did not set no_log for update_password
ok: [ubuntu-20.04]
```

```
PLAY RECAP
*****
ubuntu-20.04 : ok=10 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
```

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

```
exit
HÃ¡ tarefas interrompidas.
]0;admlocal@devOps: ~/leantime_ansibleadmlocal@devOps:~/leantime_ansible$ exit
exit
[?1049l
[?1l>[?2004lRecebido SIGHUP ou SIGTERM
```