

[illegible]

```
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```

```
[?12l[?25h[?25l M-D Formato DOSM-A AnexarB SeguranÃaC Cancelar M-M Formato MacM-P Prepor^T P/ ficheiros Nome do ficheiro onde escrever: tasks/tasks.yml [?12l[?25h[?25l [ A escrever... ] [ 178 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$ molecule lint
```

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

```
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 > 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
```

```
175:3 error syntax error: expected '<document start>', but found '<block sequence start>' (syntax)
```

CRITICAL Lint failed with error code 1

```
]0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ molecule lintnano tasks/tasks.yml
```

```
[?2004h[?1049h[?7h[?1h=[?25l[ A ler... ] [ 178 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-soap- php-cli- 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 inspiraÃÃo: 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
```

```
opÃÃes no ficheiro php.ini, utilizando o mÃdulo 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 temporÃria leantime e a
```

```
directoriar 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, pÃgina 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:namlogin_leantime } }"
```

```
[?12l[?25h[?25lmysql_user:namlogin_leantime } }" password: "{ { password_leantime } }"priv:
```

```
"leantime_database.*:ALL"host: localhoststate: present
```

```
- name: "Faz o download do software leantime a partir do repositÃrio git"get_url:url:
```

```
https://github.com/Leantime/leantime/releases/download/{ { versao\_leantime } }/Leantime-{ { versao\_leantime } }.zipdest:
```

```
/tmp/leantimemode: 0755
```

```
# O ficheiro Leantime-versao.zip necessita de ser descomprimido- name: Descomprime o software leantimeunarchive: src:
```

```
"/tmp/leantime/Leantime-{ { versao_leantime } }.zip" dest: "/var/www/leantime" owner: www-datagroup: www-datamode:
```

```
0755remote_src: true
```

```
# ApÃs a descompressÃo, se o ficheiro configuration.php nÃo existir, este necessita de ser
```

```
# criado a partir do ficheiro configuration.sample.php
```

```
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/copy\_module.html- name: Copia o ficheiro de
```

```
configuraÃÃo configuration.sample.phpansible.builtin.copy: src: /var/www/leantime/config/configuration.sample.php
```

```
dest: /var/www/leantime/config/configuration.php owner: www-datagroup: www-data mode: '0755' remote_src: trueforce:
```

```
false
```

```
[?12l[?25h[?25l remote_src: trueforce: false
```

```
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/replace\_module.html- name: Altera as variÃveis
```

```

dbuser, dbpassword e dbdatabase no ficheiro configuration.php utilizando o método replace.ansible.builtin.replace:path:
/var/www/leantime/config/configuration.php regexp: "{{ item.regexp }}" replace: "{{ item.line }}" with_items:- regexp:
'dbUser="" line: 'dbUser="{{ login_leantime }}"'- regexp: 'dbDatabase="" line: 'dbDatabase="leantime_database"' -
regexp: 'dbPassword="" line: 'dbPassword="{{ password_leantime }}"'
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/template_module.html- name: Copia o template
do site para a pasta /etc/apache2/sites-availableansible.builtin.template:src: leantime.template.j2dest: /etc/apache2/sites-
available/leantime.confowner: root group: www-data mode: 0644 force: false
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/file_module.html- name: "Cria um link simbólico
para o ficheiro leantime.conf na pasta /etc/apache2/sites-enabled"ansible.builtin.file:src: /etc/apache2/sites-
available/leantime.confdest: /etc/apache2/sites-enabled/leantime.confstate: link
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/file_module.html
[?]25h[?]25l # Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/file_module.html- name: "Cria
um link simbólico para o ficheiro leantime.conf na pasta /etc/apache2/sites-enabled" ansible.builtin.file: path:
/etc/apache2/sites-available/leantime.conf owner: rootgroup: www-datamode: '0777'
- name: "Apaga o link 000-default.conf na pasta sites-enabled do apache2"ansible.builtin.file:path: /etc/apache2/sites-
enabled/000-default.confstate: absent
[?]25h[?]25lModificado
- name: "Apaga o link 000-default.conf na pasta sites-enabled do apache2"
[?]25h[?]25l[?]25h[?]25l ansible.builtin.file:
[?]25h[?]25l[?]25h[?]25l
path: /etc/apache2/sites-enabled/000-default.conf
[?]25h[?]25l[?]25h[?]25l
state: absent
[?]25h[?]25l
[?]25h[?]25l78
M[?]25h[?]25l
path: /etc/apache2/sites-enabled/000-default.conf[?]25h[?]25l
[?]25h[?]25l
path: /etc/apache2/sites-enabled/000-default.conf[?]25h[?]25l
[?]25h[?]25l[?]25h[?]25l M-D Formato DOSM-A AnexarB SegurançãC Cancelar M-M Formato MacM-P PreporT P/
ficheiros
Nome do ficheiro onde escrever: tasks/tasks.yml [?]25h[?]25l [ A escrever... ] [ 178 linhas escritas ]O GravarW
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
[?]25h[?]25l[?]25h[?]25l1049l
[?]1>[?]2004l0;admlcal@devOps: ~/leantime_ansibleadmlcal@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;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ molecule deploy
Usage: molecule [OPTIONS] COMMAND [ARGS]...
Try "molecule --help" for help.

```

```

Error: No such command "deploy".
0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ molecule deployconverge
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={'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]
```

```
TASK [leantime_ansible : Faz o download do software leantime a partir do reposit rio git]
*****
```

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

```
TASK [leantime_ansible : Descomprime o software leantime]
*****
```

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

```
TASK [leantime_ansible : Copia o ficheiro de configura  o configuration.sample.php]
*****
```

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

```
TASK [leantime_ansible : Altera as vari veis dbuser, dbpassword e dbdatabase no ficheiro configuration.php utilizando o m dulo replace.] ***
```

```
ok: [ubuntu-20.04] => (item={'regex': 'dbUser=""', 'line': 'dbUser="leantimeDBAdmin"})
ok: [ubuntu-20.04] => (item={'regex': 'dbDatabase=""', 'line': 'dbDatabase="leantime_database"})
ok: [ubuntu-20.04] => (item={'regex': 'dbPassword=""', 'line': 'dbPassword="#S3gr3d0S3cr3t0#"})
```

```
TASK [leantime_ansible : Copia o template do site para a p sta /etc/apache2/sites-available]
*****
```

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

```
TASK [leantime_ansible : Cria um link simb lico para o ficheiro leantime.conf na pasta /etc/apache/sites-enabled]
*****
```

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

```
TASK [leantime_ansible : Cria um link simb lico para o ficheiro leantime.conf na pasta /etc/apache/sites-enabled]
*****
```

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

TASK [leantime_ansible : Apaga o link 000-default.conf na pasta sites-enabled do apache2]

changed: [ubuntu-20.04]

PLAY RECAP

ubuntu-20.04 : ok=18 changed=1 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

ok: [ubuntu-20.04]

TASK [leantime_ansible : Faz o download do software leantime a partir do reposit rio git]

ok: [ubuntu-20.04]

TASK [leantime_ansible : Descomprime o software leantime]

ok: [ubuntu-20.04]

TASK [leantime_ansible : Copia o ficheiro de configuraÃ§Ã£o configuration.sample.php]

ok: [ubuntu-20.04]

TASK [leantime_ansible : Altera as variáveis dbuser, dbpassword e dbdatabase no ficheiro configuration.php utilizando o m³dulo replace.] ***

ok: [ubuntu-20.04] => (item={'regex': 'dbUser=""', 'line': 'dbUser="leantimeDBadmin"'})

ok: [ubuntu-20.04] => (item={'regex': 'dbDatabase=""', 'line': 'dbDatabase="leantime_database"'})

ok: [ubuntu-20.04] => (item={'regex': 'dbPassword=""', 'line': 'dbPassword="#S3gr3d0S3cr3t0#"'})

TASK [leantime_ansible : Copia o template do site para a pasta /etc/apache2/sites-available]

ok: [ubuntu-20.04]

TASK [leantime_ansible : Cria um link simb³lico para o ficheiro leantime.conf na pasta /etc/apache/sites-enabled]

ok: [ubuntu-20.04]

TASK [leantime_ansible : Cria um link simb³lico para o ficheiro leantime.conf na pasta /etc/apache/sites-enabled]

ok: [ubuntu-20.04]

TASK [leantime_ansible : Apaga o link 000-default.conf na pasta sites-enabled do apache2]

ok: [ubuntu-20.04]

PLAY RECAP

ubuntu-20.04 : ok=18 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 prun...

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 [Variáveis]

ok: [ubuntu-20.04]

TASK [SimulaÃ§Ã£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 est³ 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 est³ atualizado"

}

TASK [Teste: a cache encontra-se atualizada?]

ok: [ubuntu-20.04] => {

"changed": false,

"msg": "SUCESSO: A cache est³ 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 pasta /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"
}
```

```
TASK [Simulação: Verifica se é necessário 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"
}
```

```
TASK [Simulação e Teste: Verifica se o endereço git para a versão de leantime existe]
*****
ok: [ubuntu-20.04]
```

```
TASK [Simulação: Obtem informação sobre o ficheiro /var/www/leantime/config/configuration.php]
*****
ok: [ubuntu-20.04]
```

```
TASK [Teste: O ficheiro /var/www/leantime/config/configuration.php existe e tem as permissões certas?]
*****
ok: [ubuntu-20.04] => {
"changed": false,
```

```
"msg": "SUCESSO: Permissões correctas e ficheiro configuration.php existente"
}
```

```
TASK [Simulação: Testa se o dbuser foi alterado no ficheiro configuration.php utilizando o módulo replace.]
*****
```

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

```
TASK [Teste: O dbUser foi alterado?]
*****
```

```
ok: [ubuntu-20.04] => {
"changed": false,
"msg": "SUCESSO: O dbUser foi alterado no ficheiro configuration.php"
}
```

```
TASK [Simulação: Testa se o dbDatabase foi alterado no ficheiro configuration.php utilizando o módulo replace.]
*****
```

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

```
TASK [Teste: a variável dbDatabase foi alterada?]
*****
```

```
ok: [ubuntu-20.04] => {
"changed": false,
"msg": "SUCESSO: O dbDatabase foi alterado no ficheiro configuration.php"
}
```

```
TASK [Simulação: Testa se o dbPassword foi alterado no ficheiro configuration.php utilizando o módulo replace.]
*****
```

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

```
TASK [Teste: O dbPassword foi alterado?]
*****
```

```
ok: [ubuntu-20.04] => {
"changed": false,
"msg": "SUCESSO: O dbPassword foi alterado no ficheiro configuration.php"
}
```

```
TASK [Simulação: Obtem informação sobre o ficheiro /etc/apache2/sites-available/leantime.conf]
*****
```

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

```
TASK [Teste: O ficheiro /etc/apache2/sites-available/leantime.conf existe e tem as permissões certas?]
*****
```

```
ok: [ubuntu-20.04] => {
"changed": false,
"msg": "SUCESSO: Permissões correctas"
}
```

```
TASK [Simulação: Obtem informação sobre o ficheiro /etc/apache2/sites-enabled/leantime.conf]
*****
```

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

```
TASK [Teste: O ficheiro /etc/apache2/sites-enabled/leantime.conf existe e tem as permissões certas?]
*****
```

```
ok: [ubuntu-20.04] => {
"changed": false,
"msg": "SUCESSO: Permissões correctas"
}
```

```
TASK [Simulação: Obtem informação sobre o ficheiro /etc/apache2/sites-enabled/000-default.conf]
*****
```

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

```
TASK [Teste: O ficheiro /etc/apache2/sites-enabled/000-default.conf NÃO existe?]
*****
```

```
ok: [ubuntu-20.04] => {
"changed": false,
"msg": "All assertions passed"
}
```

```
PLAY RECAP
*****
ubuntu-20.04 : ok=32 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
```

```
INFO Verifier completed successfully.
j0;admlcal@devOps: ~/leantime_ansibleadmlcal@devOps:~/leantime_ansible$ exit
exit
```