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]0;admlocal@devOps: ~/leantime ansibleadmlocal@devOps:~/leantime ansible$ nano moellecule/verifdefault/verify.yml
[?2004h[?1049h[?7h[?1h=[?1h=[?25l[ A ler... ][ 264 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 inspiração 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:
Variáveisinclude vars:file: ../../vars/main.yml- name: "Simulação: Atualizar a cache do sistema"apt:update cache:
truecache valid time: 3600check mode: trueregister: estado- name: "teste: a cache encontra-se actualizada?" assert: that:-
not estado.changedsuccess_msg: "SUCESSO: A cache estĂ; atualizada"fail_msg: "ERRO: Existem actualizações
pendentes"- name: "Atualizar o sistema operativo (equivalente a apt upgrade) "apt:upgrade: safecheck mode: trueregister:
estado- name: "teste: o sistema operativo encontra-se atualizado?"
[?12l[?25h[?25l - name: "teste: o sistema operativo encontra-se atualizado?"
assert:that: - not estado.changed success msg: "SUCESSO: O sistema operativo estÃ; atualizado" fail msg: "ERRO:
Existem actualiza§Âµes pendentes"
- name: "Teste: a cache encontra-se atualizada?" assert: that: - not estado.changedsuccess msg: "SUCESSO: A cache estÃ;
atualizada"fail msg: "ERRO: Existem atualizações pendentes"
- name: "Simulação: testa se as aplicações 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
[?12l[?25h[?25l- libapache2-mod-php - php-dev - libmcrypt-dev- gccmake- autoconf- libc-dev- pkg-config - pwgen - curl-
unzipzip- php-mbstring- expect- net-tools - python3-mysqldb - python3-apt- python3-pycurlcheck_mode: trueregister: estado
- name: "Teste: as dependencias encontra-se instaladas?" assert: that: not estado. changed success msg: "SUCESSO: As
dependencias estavam instaladas"fail msg: "ERRO: Faltam instalar algumas dependencias. O software pode estar
parcialmente instalado"
# Fonte de inspira§Â£o: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/service module.html- name:
"Simulação: Testar se o serviço apache2 se encontra instalado, iniciado e ativo no arranque"service:name:
apache2state: startedenabled: truecheck mode: true
[?12][?25h[?25lenabled: trueO serviço apache2 encontra-se ativo no arranque no sistema, e estÃ; iniciado?"O serviço
apache2 estA; correctamente instalado e inicia com o arranque do sistema"O serviÁ§o apache2 nÁ£o se encontra correcta:
https://www.mydailytutorials.com/using--find-module-search-filesfolderRotina Auxiliar> Procura o caminho do ficheiro
php.ini do servidor apache2"find:paths: /etcpatterns: "php.ini"recurseregister: caminho php_ini
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/lineinfile module.html- name: "Simulação:
Ativa a opção file uploads no ficheiro php.ini, utilizando o módulo lineinfile."ansible.builtin.lineinfile:path: "{{
caminho\_php\_ini.files[0].path \ \} \ "regexp: " \ \{ \ item.regexp \ \} \ "line: " \ \{ \ item.line \ \} \} "with\_items:-regexp: regexp: r
"^file_uploads"line: "file_uploads = 1"- regexp: "^upload_max_filesize"line: "upload_max_filesize = 1G"- regexp: "^max_file_uploads"line: "max_file_uploads = 20"- regexp: "^post_max_size"line: "post_max_size = 2G"- regexp:
"^memory limit"
[?12][?25h]?25178line: "post max size = 2G"- regexp: "^memory limit"line: "memory limit = 2G"- regexp:
"^max input time" line: "max input time = 3600"As linhas do php.ini encontram-se alteradas ?"ficheiro php.ini foi
alterado com sucesso" Algumas altera A§A pes ao ficheiro php.ini nA fo tiveram sucesso" O site deve existir na pasta
/var/www/leantime. Este teste visa determinar se a pasta
# existe e se temas permissões certas
# Fonte de inspiração: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/stat module.html- name:
"Simulação: Obtem informação sobre a pastas /var/www/leantime"
stat: path: "/var/www/leantime"register: pasta
- name: "Teste: A pasta /var/www/leantime existe e tem as permissões certas?" assert: that: - pasta.stat.exists-
pasta.stat.isdir - pasta.stat.mode == "0755"- pasta.stat.pw name == "www-data" - pasta.stat.gr name == "www-data"
data"success msg: "SUCESSO: PermissAµes correctas no site leantime"fail msg: "ERRO: PermissAµes incorrectas no site
leantime ou site não existente"
# Outro dos requesitos \tilde{A}© a exist\tilde{A}ancia de uma base de dados para o site.
[?12l[?25h[?25l # Outro dos requesitos é a existência de uma base de dados para o site.
# Esta base de dados deve ser criada, logo tem de ser testada para determinar se ela existe ou nÃfo.
# Fonte de inspiração: https://serverfault.com/questions/173978/from-a-shell-script-how-can-i-check-whether-a-mysql-
database-exists- name: "Simulação: Verifica se é necessário criar a base de dados leantime_database"shell: "mysql -u
root -e 'use leantime_database'"resultfailed_when: false changed_when: false
- name: "Teste: A base de dados leantime database existe ?"assert:that:- result.rc == 0success msg: "SUCESSO: A base de
dados leantime database j\(\text{A}\); se encontra criada"fail msg: "ERRO: N\(\text{A}\)fo existe a base de dados leantime database"
# Teste: O download do software leantime deve ser possÂvel, a partir do site do leantime- name: "Simula§Â£o e Teste:
Verifica se o endere§o git para a vers£o de leantime existe"uri:url:
https://github.com/Leantime/leantime/releases/download/{{ versao leantime }}/Leantime-{{ versao leantime
}}.zipregister: resultadoTeste: Do ficheiro configuration.php no site do leantime. A existência deste ficheiro com as
permissµes certas indica que o processo de unzip correu bemDocumentaç£o oficial em:
https://docs.ansible.com/ansible/latest/collections/ansible/builtin/stat module.htmlo ficheiro
/var/www/leantime/config/configuration.php"/config/configuration.php"ficheiroO ficheiro
/var/www/leantime/config/configuration.php existe e tem as permissões certas?"ficheiro.stat.exists
[?12l[?25h[?25lthat: - ficheiro.stat.exists - ficheiro.stat.isreg - ficheiro.stat.mode == "0755" - ficheiro.stat.pw name ==
"www-data" - ficheiro.stat.gr name == "www-data" success msg: "SUCESSO: Permissões correctas e ficheiro
configuration.php existente" fail msg: "ERRO: PermissAues incorrectas ou ficheiro configuration.php nAfo existente"
# Teste: O ficheiro /var/www/leantime/config/configuration.php necessita de ser alterado.
# As variáveis dbuser, dbDatabase, e dbPassword necessitam de estar configuradas.
# Por simula§Ã£o o sistema vai determinar se estas est£o configuradas com o valor esperado.
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/replace module.html- name: "SimulaçÃfo:
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Testa se o dbuser foi alterado no ficheiro configuration.php utilizando o módulo replace."ansible.builtin.replace:path:

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\label{lem:config} $$ \operatorname{login_leantime} $$ \operatorname{login_leantime} $$ '' check_mode: $$ \operatorname{login_leantime} $$ ''' check_mode: $$ \operatorname{
yesregister: conffailed_when: false
- name: "Teste: O dbUser foi alterado?"
assert: that: - conf is not changed - conf is not failed success msg: "SUCESSO: O dbUser foi alterado no ficheiro
configuration.php"fail_msg: "ERRO: O dbUser não foi alterado no ficheiro configuration.php"
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/replace_module.html- name: "Simula§Â£o:
Testa se o dbDatabase foi alterado no ficheiro configuration.php utilizando o m\tilde{A}^3\bar{d}ulo replace."ansible.builtin.replace:path:
/var/www/leantime/config/configuration.php
[?12l[?25h[?25l ansible.builtin.replace:path:/var/www/leantime/config/configuration.phpregexp:'dbDatabase=""'replace:
'dbDatabase="leantime_database"'check_mode: yesregister: conffailed_when: false
- name: "Teste: a variável dbDatabase foi alterada?"
assert: that: - conf is not changed - conf is not failed success_msg: "SUCESSO: O dbDatabase foi alterado no ficheiro
configuration.php" fail msg: "ERRO: O dbDatabase nÃfo foi alterado no ficheiro configuration.php"
# Fonte: https://docs.ansible.com/ansible/latest/collections/ansible/builtin/replace module.html- name: "Simulação:
Testa se o dbPassword foi alterado no ficheiro configuration.php utilizando o módulo replace."ansible.builtin.replace:
path: /var/www/leantime/config/configuration.php regexp: 'dbPassword=""'replace: 'dbPassword=""{ password_leantime
}}"' check mode: yesregister: conffailed when: false
- name: "Teste: O dbPassword foi alterado?" assert: that:- conf is not changed- conf is not failed success msg: "SUCESSO: O
dbPassword foi alterado no ficheiro configuration.php" fail msg: "ERRO: O dbPassword nA£o foi alterado no ficheiro
configuration.php"
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[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25l[?12l[?25h[?25lfail_msg: "ERRO: O dbPassword não foi alterado no ficheiro configuration.php"

[?12l[?25h[?25l78Msuccess msg: "SUCESSO: O dbPassword foi alterado no ficheiro configuration.php"

[?12l[?25h[?25l78M- conf is not failed

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[?11>[?20041]0;admlocal@devOps: ~/leantime ansibleadmlocal@devOps:~/leantime ansible\$ ls

asciinema defaults files handlers html latex meta molecule README.md tasks templates tests vars]0;admlocal@devOps: ~/leantime ansibleadmlocal@devOps:~/leantime ansibles molecule

Usage: molecule [OPTIONS] COMMAND [ARGS]...

Molecule aids in the development and testing of Ansible roles.

Enable autocomplete issue:

eval "\$(MOLECULE COMPLETE=source molecule)"

Options:

- --debug / --no-debug Enable or disable debug mode. Default is disabled.
- -v, --verbose Increase Ansible verbosity level. Default is 0.
- -c, --base-config TEXT Path to a base config (can be specified multiple times). If provided, Molecule will first load and deep merge

the configurations in the specified order, and deep merge each scenario's molecule.yml on top. By default Molecule is looking for '.config/molecule/config.yml' in current VCS repository and if not found it will look in user home. (None).

- -e, --env-file TEXT The file to read variables from when rendering molecule.yml. (.env.yml)
- --version
- --help Show this message and exit.

Commands:

check Use the provisioner to perform a Dry-Run (destroy, dependency, create, prepare, converge). cleanup Use the provisioner to cleanup any changes made to external systems during the stages of testing.

converge Use the provisioner to cleanup any changes induc to external systems during the stages of test converge Use the provisioner to configure instances (dependency, create, prepare converge).

create Use the provisioner to start the instances.

dependency Manage the role's dependencies.

destroy Use the provisioner to destroy the instances.

drivers List drivers.

idempotence Use the provisioner to configure the instances and parse the output to determine idempotence.

init Initialize a new role or scenario.

lint Lint the role (dependency, lint).

list List status of instances.

login Log in to one instance.

matrix List matrix of steps used to test instances.

prepare Use the provisioner to prepare the instances into a particular starting state.

reset Reset molecule temporary folders.

side-effect Use the provisioner to perform side-effects to the instances.

syntax Use the provisioner to syntax check the role.

test Test (dependency, lint, cleanup, destroy, syntax, create, prepare, converge, idempotence, side_effect, verify, cleanup,...

verify Run automated tests against instances.

]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.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

vamllint.

ansible-lint

Loading custom .yamllint config file, this extends our internal yamllint config.

 $] 0; adm local @devOps: {\tt \sim/leantime_ansibleadmlocal} @devOps: {\tt \sim/leantime_ansible} $$ molecule verify the continuous continuou$

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 [VariA; veis]
ok: [ubuntu-20.04]
TASK [SimulaA§A£o: Atualizar a cache do sistema]
changed: [ubuntu-20.04]
TASK [teste: a cache encontra-se actualizada?]
fatal: [ubuntu-20.04]: FAILED! => {
"assertion": "not estado.changed",
"changed": false,
"evaluated to": false,
"msg": "ERRO: Existem actualizações pendentes"
PLAY RECAP
ubuntu-20.04: ok=2 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$ molecule verifyconverge
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]
TASK [leantime ansible: Rotina Auxiliar: Procura o caminho do ficheiro php.ini do servidor apache2]
ok: [ubuntu-20.04]
```

```
TASK [leantime ansible: Ativa vÃ; rias opções no ficheiro php.ini, utilizando o módulo 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': '^max_file_uploads', 'line': 'max_file_uploads = 20'})
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 temporÃ; 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 repositório qit]
ok: [ubuntu-20.04]
TASK [leantime ansible : Descomprime o software leantime]
ok: [ubuntu-20.04]
TASK [leantime ansible : Copia o ficheiro de configuração configuration.sample.php]
******************
ok: [ubuntu-20.04]
TASK [leantime ansible : Altera as variáveis dbuser, dbpassword e dbdatabase no ficheiro configuration.php utilizando o
módulo replace.] ***
ok: [ubuntu-20.04] => (item={'regexp': 'dbUser=""', 'line': 'dbUser="leantimeDBadmin"'})
ok: [ubuntu-20.04] => (item={'regexp': 'dbDatabase=""", 'line': 'dbDatabase="leantime_database"'})
ok: [ubuntu-20.04] => (item={'regexp': 'dbPassword=""', 'line': 'dbPassword="#$3gr3d0$3cr3t0#"'})
PLAY RECAP
ubuntu-20.04: ok=14 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
]0;admlocal@devOps: ~/leantime ansibleadmlocal@devOps:~/leantime ansible$ 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 necessÃ; ria ao programa leantime]
******************
ok: [ubuntu-20.04]
```

```
TASK [leantime ansible: Instala o serviço apache2 no arranque do sistema]
*************************************
TASK [leantime ansible: Rotina Auxiliar: Procura o caminho do ficheiro php.ini do servidor apache2]
***********
ok: [ubuntu-20.04]
TASK [leantime ansible : Ativa vÃ;rias opções no ficheiro php.ini, utilizando o módulo 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\( \tilde{A} \) iria 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 mysgl 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 repositório qit]
ok: [ubuntu-20.04]
TASK [leantime ansible : Descomprime o software leantime]
ok: [ubuntu-20.04]
TASK [leantime ansible: Copia o ficheiro de configuração configuration.sample.php]
ok: [ubuntu-20.04]
TASK [leantime ansible: Altera as variÃ; veis dbuser, dbpassword e dbdatabase no ficheiro configuration.php utilizando o
módulo replace.] ***
ok: [ubuntu-20.04] => (item={'regexp': 'dbUser=""', 'line': 'dbUser="leantimeDBadmin"'})
ok: [ubuntu-20.04] => (item={'regexp': 'dbDatabase=""", 'line': 'dbDatabase="leantime_database"'})
ok: [ubuntu-20.04] => (item={'regexp': 'dbPassword=""", 'line': 'dbPassword="#S3gr3d0S3cr3t0#"'})
PLAY RECAP
ubuntu-20.04: ok=14 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
INFO Idempotence completed successfully.
]0;admlocal@devOps: ~/leantime ansibleadmlocal@devOps:~/leantime ansible$ molecule idempotenceverify
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 [VariÃ; veis]
ok: [ubuntu-20.04]
TASK [Simulação: Atualizar a cache do sistema]
ok: [ubuntu-20.04]
TASK [teste: a cache encontra-se actualizada?]
```

```
"changed": false,
"msg": "SUCESSO: A cache estÃ; 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 [SimulaçĂ£o: testa se as aplicaçµes 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 [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 estÃ; iniciado?]
ok: [ubuntu-20.04] = > {
"changed": false,
"msg": "SUCESSO: O servi§o apache2 estÂ; correctamente instalado e inicia com o arrangue 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={'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 [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 permissµes certas?]
ok: [ubuntu-20.04] = > {
"changed": false,
"msg": "SUCESSO: Permissões correctas no site leantime"
```

TASK [Simulação: Verifica se é necessÃ;rio criar a base de dados leantime database]

ok: [ubuntu-20.04] => {

```
ok: [ubuntu-20.04]
TASK [Teste: A base de dados leantime database existe?]
ok: [ubuntu-20.04] = > \{
"changed": false,
"msq": "SUCESSO: A base de dados leantime database ¡Ã¡ 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 permissµes certas?]
ok: [ubuntu-20.04] = > {
"changed": false.
"msg": "SUCESSO: Permissµes 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 permissµes certas?]
fatal: [ubuntu-20.04]: FAILED! => {
"assertion": "ficheiro.stat.exists",
"changed": false,
"evaluated to": false,
"msg": "ERRO: Permissões incorrectas"
PLAY RECAP
ubuntu-20.04 : ok=27 changed=0 unreachable=0 failed=1 skipped=0 rescued=0 ignored=0
```

CRITICAL Ansible return code was 2, command was: ansible-playbook --inventory

O comando 'exi' não foi encontrado, mas existem 13 semelhantes.

 $] 0; adm local @devOps: {\tt \sim/leantime_ansibleadmlocal@devOps: \tt \sim/leantime_ansible\$ \ exit}$