```
]0;admlocal@devOps: ~/leantime ansibleadmlocal@devOps:~/leantime ansible$ exitmolecule test --destroy never INFO
default scenario test matrix: dependency, lint, cleanup, destroy, syntax, create, prepare, converge, idempotence, verify,
cleanup, destroy 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://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. INFO Running default > cleanup WARNING Skipping, cleanup playbook not configured. INFO
Running default > destroy WARNING Skipping, '--destroy=never' requested. INFO Running default > syntax playbook:
/home/admlocal/leantime ansible/molecule/default/converge.yml INFO Running default > create PLAY [Create]
TASK [Create molecule instance(s)]
=> (item=ubuntu-20.04) TASK [Populate instance config dict]
(item={'changed': True, 'log': '/home/admlocal/.cache/molecule/leantime_ansible/default/vagrant-ubuntu-20.04.out', 'Host':
'ubuntu-20.04', 'HostName': '127.0.0.1', 'User': 'vagrant', 'Port': '2222', 'ŪserKnownHostsFile': '/dev/null', 'StrictHostKeyChecking': 'no', 'PasswordAuthentication': 'no', 'IdentityFile':
'/home/admlocal/.cache/molecule/leantime ansible/default/.vagrant/machines/ubuntu-20.04/virtualbox/private key',
'IdentitiesOnly': 'yes', 'LogLevel': 'FATAL', 'invocation': {'module args': {'instance name': 'ubuntu-20.04',
'instance interfaces': [{'auto config': True, 'network name': 'private network', 'type': 'dhcp'}], 'instance raw config args':
["vm.network 'forwarded port', guest: 80, host: 8080"], 'platform box': 'ubuntu/focal64', 'provider memory': 2048,
'provider_cpus': 2, 'state': 'up', 'config_options': {}, 'provider_name': 'virtualbox', 'provider_options': {}, 'provision': False,
'force_stop': False, 'platform_box_version': None, 'platform_box_url': None, 'provider_override_args': None, 'provider_raw_config_args': None, 'workdir': None}}, 'failed': False, 'item': {'box': 'ubuntu/focal64', 'cpus': 2, 'instance_raw_config_args': ["vm.network 'forwarded_port', guest: 80, host: 8080"], 'interfaces': [{'auto_config': True,
'network name': 'private network', 'type': 'dhcp'}], 'memory': 2048, 'name': 'ubuntu-20.04'}, 'ansible loop var': 'item'})
TASK [Convert instance config dict to a list]
   instance config1
[localhost] PLAY RECAP
          localhost: ok=4 changed=2 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0 INFO Running default > prepare
PLAY [Prepare]
TASK [Bootstrap python for Ansible]
PLAY RECAP
ubuntu-20.04 : ok=1 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0 INFO Running default >
converge PLAY [Converge]
TASK [Gathering Facts]
[ubuntu-20.04] TASK [Include leantime ansible]
[leantime ansible : Atualiza a cache (equivalente a apt update)]
           [ubuntu-20.04] TASK [leantime ansible: Instalar as dependencias necessÃ; ria ao programa leantime]
*************ok: [ubuntu-20.04] TASK
[leantime ansible: Rotina Auxiliar: Procura o caminho do ficheiro php.ini do servidor apache2]
{'regexp': '^file_uploads', 'line': 'file_uploads = 1'}) changed: [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'}) changed: [ubuntu-20.04] => (item={'regexp': '^post_max_size', 'line': 'post_max_size = 2G'}) changed: [ubuntu-20.04] => (item={'regexp': '^memory_limit', 'line': 'memory_limit = 2G'}) changed: [ubuntu-20.04] => (item={'regexp': '^memory_limit', 'line': 'memory_limit', 'line': 'memory_lim
'^max input time', 'line': 'max input time = 3600'}) TASK [leantime ansible : Cria a directoria tempor\(\tilde{A}\); ria leantime e a
'/tmp/leantime'}) changed: [ubuntu-20.04] => (item={'path': '/var/www/leantime'}) TASK [leantime_ansible : Cria a base
20.04] TASK [leantime ansible : Cria o utilizador para a base de dados leantime]
             *****************changed: [ubuntu-
20.04] TASK [leantime ansible : Faz o download do software leantime a partir do repositório git]
leantime] ***********changed: [ubuntu-20.04] TASK
[leantime ansible : Copia o ficheiro de configura A§ A£ o configuration.sample.php]
                 variáveis dbuser, dbpassword e dbdatabase no ficheiro configuration.php utilizando o módulo replace.] *** changed:
[ubuntu-20.04] => (item={'regexp': 'dbUser=""', 'line': 'dbUser="leantimeDBadmin"'}) changed: [ubuntu-20.04] =>
(item={'regexp': 'dbDatabase=""", 'line': 'dbDatabase="leantime_database"'}) changed: [ubuntu-20.04] => (item= {'regexp': 'dbPassword=""", 'line': 'dbPassword="#S3gr3d0S3cr3t0#"'}) TASK [leantime_ansible: Copia o template do site
```

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[leantime_ansible : Cria um link simbólico para o ficheiro leantime.conf na pasta /etc/apache/sites-enabled]
             changed: [ubuntu-20.04] TASK [leantime ansible : Activa o módulo mod_rewrite no apache]
[ubuntu-20.04]: FAILED! => {"changed": false, "connection": "close", "content": "<!DOCTYPE HTML PUBLIC \"-
//IETF//DTD HTML 2.0//EN\">\n<html><head>\n<title>404 Not Found</title>\n</head><body>\n<h1>Not
Found</h1>\nThe requested URL was not found on this server.\n<hr>\n<address>Apache/2.4.41 (Ubuntu)
Server at localhost Port 80</address>\n</body></html>\n", "content_length": "271", "content_type": "text/html; charset=iso-8859-1", "date": "Wed, 26 May 2021 14:17:22 GMT", "elapsed": 0, "msg": "Status code was 404 and not [200]:
HTTP Error 404: Not Found", "redirected": false, "server": "Apache/2.4.41 (Ubuntu)", "status": 404, "url":
"http://localhost/install"} PLAY RECAP
ubuntu-20.04: ok=20 changed=17 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/converge.yml ]0;admlocal@devOps:
~/leantime ansibleadmlocal@devOps:~/leantime ansible$ molecule login INFO Running default > login Welcome to
Ubuntu 20.04.2 LTS (GNU/Linux 5.4.0-72-generic x86_64) * Documentation: https://help.ubuntu.com * Management:
https://landscape.canonical.com * Support: https://ubuntu.com/advantage System information as of Wed May 26 14:17:33
UTC 2021 System load: 1.17 Processes: 130 Usage of /: 6.9% of 38.71GB Users logged in: 0 Memory usage: 33% IPv4
address for enp0s3: 10.0.2.15 Swap usage: 0% IPv4 address for enp0s8: 172.28.128.29 *** System restart required *** Last
login: Wed May 26 14:17:21 2021 from 10.0.2.2 ]0;vagrant@ubuntu-20: ~vagrant@ubuntu-20:~$ sudo -i ]0;root@ubuntu-
20: \verb|\| -\text{root@ubuntu-}| 20: \verb|\| -\text{root@ub
20: ~root@ubuntu-20:~# ls /etc/apache2/sites-available////////e/n/a/b/l/e/d/ leantime.conf ]0;root@ubuntu-20:
~root@ubuntu-20:~# exit logout Jo;vagrant@ubuntu-20: ~vagrant@ubuntu-20:~$ exit logout Connection to 127.0.0.1
closed. ]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]
[ubuntu-20.04] TASK [Include leantime ansible]
[leantime_ansible : Atualiza a cache (equivalente a apt update)]
                TASK [leantime ansible: Instalar as dependencias necessÃ; ria ao programa leantime]
[leantime ansible : Rotina Auxiliar: Procura o caminho do ficheiro php.ini do servidor apache2]
\label{eq:continuous} $$\widehat{file\_uploads', 'line': 'file\_uploads = 1'}) ok: [ubuntu-20.04] => (item={'regexp': '^upload_max_filesize', 'line': 'file\_uploads', 'file\_u
'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 temporAjria leantime e a directoria de apache
20.04] => (item={'path': '/var/www/leantime'}) TASK [leantime_ansible : Cria a base de dados de mysql para o leantime]
20.04] TASK [leantime ansible: Cria o utilizador para a base de dados leantime]
                   20.04] TASK [leantime ansible : Descomprime o software leantime]
[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':
[leantime ansible: Cria um link simbólico 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
```

```
[leantime_ansible : Cria o administrador da aplica§Â£o leantime]
                                     "connection": "close", "content": "<!DOCTYPE HTML PUBLIC \"-//IETF//DTD HTML 2.0//EN\">\n<html>
<head>\n<title>404 Not Found</title>\n</head><body>\n<h1>Not Found</h1>\nThe requested URL was not found</h1>
found on this server.\n<hr>\n<address>Apache/2.4.41 (Ubuntu) Server at localhost Port 80</address>\n</body>
</html>\n", "content_length": "271", "content_type": "text/html; charset=iso-8859-1", "date": "Wed, 26 May 2021 14:19:56
ubuntu-20.04: ok=20 changed=0 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/converge.vml 10;admlocal@devOps:
~/leantime ansibleadmlocal@devOps:~/leantime ansible$ molecule convergelogin INFO Running default > login Welcome
to Ubuntu 20.04.2 LTS (GNU/Linux 5.4.0-72-generic x86 64) * Documentation: https://help.ubuntu.com * Management:
https://landscape.canonical.com * Support: https://ubuntu.com/advantage System information as of Wed May 26 14:20:03
UTC 2021 System load: 0.33 Processes: 127 Usage of /: 6.9% of 38.71GB Users logged in: 0 Memory usage: 33% IPv4
address for enp0s3: 10.0.2.15 Swap usage: 0% IPv4 address for enp0s8: 172.28.128.29 *** System restart required *** Last
login: Wed May 26 14:19:56 2021 from 10.0.2.2 ]0;vagrant@ubuntu-20: ~vagrant@ubuntu-20:~$ exitsudo -i
]0;root@ubuntu-20: ~root@ubuntu-20:~# service apache2 reload ]0;root@ubuntu-20: ~root@ubuntu-20:~# exit logout
]0;vagrant@ubuntu-20: ~vagrant@ubuntu-20:~$ exit logout Connection to 127.0.0.1 closed. ]0;admlocal@devOps:
~/leantime_ansibleadmlocal@devOps:~/leantime_ansible$ molecule loginconverge 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]
[ubuntu-20.04] TASK [Include leantime ansible]
[leantime ansible : Atualiza a cache (equivalente a apt update)]
TASK [leantime ansible: Instalar as dependencias necessária ao programa leantime]
[leantime_ansible : Rotina Auxiliar: Procura o caminho do ficheiro php.ini do servidor apache2]
'^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=
{\text{'regexp': '^memory\_limit', 'line': 'memory\_limit} = 2G'}) \text{ ok: [ubuntu-20.04]} => (item={\text{'regexp': '^max\_input\_time', 'line': 'memory\_limit', 'memory\_limit', 'memory\_limit', 'memory\_limit', 'memory\_limit', 'memory\_limit', 'memory\_limit',
'max input time = 3600'}) TASK [leantime ansible: Cria a directoria temporAjria leantime e a directoria de apache
20.04] => (item={'path': '/var/www/leantime'}) TASK [leantime_ansible : Cria a base de dados de mysql para o leantime]
                    20.04]~\text{TASK}~\text{[leantime\_ansible: Cria o utilizador para a base de dados leantime]}
                   20.04] TASK [leantime ansible : Descomprime o software leantime]
[ubuntu-20.04] TASK [leantime ansible: Altera as variā; veis dbuser, dbpassword e dbdatabase no ficheiro
configuration.php\ utilizando\ o\ \bar{m}\tilde{A}^3dulo\ replace.]\ ****\ ok:\ [ubuntu-20.04]\ =>\ (item=\{'regexp':\ 'dbUser=""",\ 'line':\ 'dbUser="",\ 'line':\ 'dbUser=""",\ 'line':\ 'dbUser="",\ 'dbUser="",\ 'line':\ 'dbUser="",\ 'line':\ 'dbUser="",\ 'line':\ 'dbUser="",\ 'line':\ 'dbUser=",\ 'dbUser
'dbUser="leantimeDBadmin"'}) ok: [ubuntu-20.04] => (item={'regexp': 'dbDatabase=""', 'line':
[leantime ansible : Cria um link simbólico 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
[leantime ansible : Cria o administrador da aplicação leantime]
   ubuntu-20.04: ok=21 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0 l0;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://cache/roles INFO Running default >
idempotence PLAY [Converge]
                          TASK [Gathering Facts]
[ubuntu-20.04] TASK [Include leantime ansible]
[leantime ansible : Atualiza a cache (equivalente a apt update)]
TASK [leantime ansible: Instalar as dependencias necessÃ; ria ao programa leantime]
[leantime ansible: Rotina Auxiliar: Procura o caminho do ficheiro php.ini do servidor apache2]
'^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': '^max_file_uploads', 'line': 'memory_limit', 'line': 'memory_limi
'max_input_time = 3600'}) TASK [leantime_ansible : Cria a directoria temporÃ;ria leantime e a directoria de apache
20.04] => (item={'path': '/var/www/leantime'}) TASK [leantime ansible : Cria a base de dados de mysgl para o leantime]
20.041 TASK [leantime ansible : Cria o utilizador para a base de dados leantime]
20.04] TASK [leantime ansible : Descomprime o software leantime]
                                               ************************************ ok: [ubuntu-20.04] TASK [leantime_ansible :
[ubuntu-20.04] TASK [leantime ansible: Altera as vari\(\tilde{A}\); 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':
[leantime_ansible : Cria um link simbólico 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
[leantime ansible : Cria o administrador da aplicação leantime]
ubuntu-20.04: ok=21 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0 INFO Idempotence completed
successfully. ]0;admlocal@devOps: ~/leantime ansibleadmlocal@devOps:~/leantime ansible$ exit exit
```