
OpenStack-Ansible Documentation: **os_tempest role** *Release 18.1.0.dev413*

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This is the Ansible role to deploy OpenStack Tempest.

tags openstack, cloud, ansible, os_tempest

category *nix

CONTENT:

1.1 Overview

1.2 Team and repository tags



1.3 OpenStack-Ansible os_tempest role

Ansible role to install OpenStack Tempest.

Documentation for the project can be found at: https://docs.openstack.org/openstack-ansible-os_tempest/latest

Release notes for the project can be found at: https://docs.openstack.org/releasenotes/openstack-ansible-os_tempest

The project source code repository is located at: https://opendev.org/openstack/openstack-ansible-os_tempest

The project home is at: <https://launchpad.net/openstack-ansible>

The project bug tracker is located at: <https://bugs.launchpad.net/openstack-ansible>

Tempest is a testing framework consisting of a set of integration tests to test any deployed OpenStack cloud.

1.3.1 os_tempest mission

To provide a re-usable ansible role which installs, configures and runs Tempest.

1.3.2 Why?

The reason we have come up with this idea is because every OpenStack project uses playbooks and shell scripts to install, run and configure Tempest which are only slightly different but their purpose is the same.

When every project uses its own way to use Tempest, its really harder to cooperate (cross projects) together to solve any issues which may occur.

Thats where the re-usability steps in. By using the same role we can faster react to any issues which occurred in one project and may have an effect on another one.

1.3.3 Advantages

- maintenance of only one set of playbooks and scripts
- heads-up for issues related to particular tests
- bigger focus on development and maintenance of the one set of playbooks and scripts
- decreasing of time consumption needed to install, configure and run Tempest for new OpenStack projects - no need to write their CI Tempest procedures from scratch

1.4 User Guide

1.4.1 Installation

This page describes how to install os_tempest role.

To clone or view the source code of os_tempest, visit the role repository for [os_tempest](#).

Install dependencies via ansible-galaxy:

```
$ mkdir ~/.ansible/roles -p
$ git clone https://opendev.org/openstack/openstack-ansible-os_tempest ~/.
  ↳ansible/roles/os_tempest
$ ansible-galaxy install -r ~/.ansible/roles/os_tempest/requirements.yml --
  ↳roles-path=~/.ansible/roles/
```

Then you need to export a couple of variables, *ANSIBLE_ROLES_PATH* which points to the directory where os_tempest was cloned and *ANSIBLE_ACTION_PLUGINS* which points to the location of config_template plugin. In this case its:

```
$ export ANSIBLE_ROLES_PATH=$HOME/.ansible/roles
$ export ANSIBLE_ACTION_PLUGINS=~/.ansible/roles/config_template/action
```

Then create a `playbook.yaml`, you can find an [example one here](#). Then dont forget to set the name of the cloud youre going to run the role against, [see this page](#).

1.4.2 Usage

Execute by ansible-playbook

First you need to install `os_tempest` role. For more information about the installation process refer to the [Installation](#) page.

After the role is installed enter the `openstack-ansible-os_tempest` directory.

First thing which needs to be done in order to execute `os_tempest` role is setting a cloud name. For information on how to do that, please, have a look at [Set the name of the cloud](#) page.

An example `playbook.yml` can be seen below in [Example playbook](#) section.

After the required variables in the `playbook.yml` file are set you can execute the role as follows:

```
$ ansible-playbook playbook.yml
```

Example playbook

```
---
- hosts: localhost
  become: true
  vars:
    tempest_cloud_name: mycloud
    tempest_run: true
  roles:
    - os_tempest
```

Dependencies

This role requires the following packages to be installed on the target host:

- pip >= 7.1
- python-virtualenv

1.4.3 Default variables

```
## Verbosity Options
debug: False

stestr_executable: "{{ _stestr_executable | default('stestr') }}"

# Install openstack tempest
# set the tempest_install_method to source or distro
# on choosing source it will install from git or venv
# on choosing distro it will install based on distribution
tempest_install_method: "source"
tempest_venv_python_executable: "{{ openstack_venv_python_executable |
↳ default(tempest_venv_python_executable) | default('python3') }}"
```

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```
tempest_install_pip_executable: "{{ (tempest_venv_python_executable ==
↳ 'python2') | ternary('pip', 'pip3') }}"

# Set the package install state for distribution and pip packages
# # Options are 'present' and 'latest'
tempest_package_state: "latest"
tempest_pip_package_state: "latest"

# Set the host which will execute the shade modules
# for the service setup. The host must already have
# clouds.yaml properly configured.
tempest_service_setup_host: "{{ openstack_service_setup_host | default(
↳ 'localhost') }}"
tempest_service_setup_host_python_interpreter: "{{ openstack_service_setup_
↳ host_python_interpreter | default((tempest_service_setup_host == 'localhost
↳ ') | ternary(ansible_playbook_python, ansible_facts['python']['executable
↳ '])) }}"

# Toggle whether tempest actually executes
tempest_run: no
# Toggle whether tempest cleanup executes prior and after regular tempest run
tempest_cleanup: no
# if tempest_cleanup_dry_run is set to true, tempest cleanup will log all
↳ found
# leftover resources to a dry_run.json file, none resources will be deleted
#tempest_cleanup_dry_run: no

# Toggle whether default resources are implemented
tempest_default_role_resources: yes

# Define 0 (serial) or more to use a non default concurrency
#tempest_run_concurrency:

# Define the worker file to be used by tempest
# This worker file is parsed to stestr to manually schedule tempest tests
# tempest_test_worker_file_path:

# We comment `tempest_git_repo` so that we do not attempt to build the wheel
↳ from this repo/branch.
# Instead, we want tempest to get built from the stable release defined in
↳ global requirements.
#tempest_git_repo: https://opendev.org/openstack/tempest
tempest_git_install_branch: master
tempest_upper_constraints_url: "{{ requirements_git_url | default('https://
↳ releases.openstack.org/constraints/upper/' ~ requirements_git_install_
↳ branch | default('master')) }}"
tempest_git_constraints:
- "--constraint {{ tempest_upper_constraints_url }}"
```

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```

tempest_pip_install_args: "{{ pip_install_options | default('') }}"

# Name of the virtual env to deploy into
tempest_venv_tag: "{{ venv_tag | default('untagged') }}"
tempest_venv_bin: "/openstack/venvs/tempest-{{ tempest_venv_tag }}/bin"

# The location where the tempest logs will be placed
tempest_log_dir: "/var/log/tempest"

## Tempest Plugins
# By default, the following tempest plugins are installed.
# Override ``tempest_plugins`` variable with your own plugins, depending
# on your installation.
# The structure of each item of the list is the following:
# - name: designate-tempest-plugin
  ↳#name of the plugin
#   repo: https://opendev.org/openstack/designate-tempest-plugin #for_
  ↳installing the plugin from sources
#   branch: master #for_
  ↳installing the plugin from sources
# - name: ironic-tempest-plugin
#   package: ironic #for_
  ↳installing the plugin from packages
tempest_plugins: "{{ _tempest_plugins.values() | sum(start=[]) | selectattr(
  ↳'install', 'equalto', true) | list }}"

tempest_plugin_barbican_git_repo: https://opendev.org/openstack/barbican-
  ↳tempest-plugin
tempest_plugin_barbican_git_install_branch: master

tempest_plugin_cinder_git_repo: https://opendev.org/openstack/cinder-tempest-
  ↳plugin
tempest_plugin_cinder_git_install_branch: master

tempest_plugin_cloudkitty_git_repo: https://opendev.org/openstack/cloudkitty-
  ↳tempest-plugin
tempest_plugin_cloudkitty_git_install_branch: master

tempest_plugin_designate_git_repo: https://opendev.org/openstack/designate-
  ↳tempest-plugin
tempest_plugin_designate_git_install_branch: master

tempest_plugin_heat_git_repo: https://opendev.org/openstack/heat-tempest-
  ↳plugin
tempest_plugin_heat_git_install_branch: master

tempest_plugin_ironic_git_repo: https://opendev.org/openstack/ironic-tempest-
  ↳plugin
tempest_plugin_ironic_git_install_branch: master

```

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```
tempest_plugin_keystone_git_repo: https://opendev.org/openstack/keystone-
↳tempest-plugin
tempest_plugin_keystone_git_install_branch: master

tempest_plugin_magnum_git_repo: https://opendev.org/openstack/magnum-tempest-
↳plugin
tempest_plugin_magnum_git_install_branch: master

tempest_plugin_manila_git_repo: https://opendev.org/openstack/manila-tempest-
↳plugin
tempest_plugin_manila_git_install_branch: master

tempest_plugin_murano_git_repo: https://opendev.org/openstack/murano-tempest-
↳plugin
tempest_plugin_murano_git_install_branch: master

tempest_plugin_neutron_git_repo: https://opendev.org/openstack/neutron-
↳tempest-plugin
tempest_plugin_neutron_git_install_branch: 1.8.0

tempest_plugin_novajoin_git_repo: https://opendev.org/x/novajoin-tempest-
↳plugin
tempest_plugin_novajoin_git_install_branch: master

tempest_plugin_octavia_git_repo: https://opendev.org/openstack/octavia-
↳tempest-plugin
tempest_plugin_octavia_git_install_branch: master

tempest_plugin_senlin_git_repo: https://opendev.org/openstack/senlin-tempest-
↳plugin
tempest_plugin_senlin_git_install_branch: master

tempest_plugin_sahara_git_repo: https://opendev.org/openstack/sahara-tests
tempest_plugin_sahara_git_install_branch: master

tempest_plugin_telemetry_git_repo: https://opendev.org/openstack/telemetry-
↳tempest-plugin
tempest_plugin_telemetry_git_install_branch: master

tempest_plugin_trove_git_repo: https://opendev.org/openstack/trove-tempest-
↳plugin
tempest_plugin_trove_git_install_branch: master

tempest_plugin_zaqar_git_repo: https://opendev.org/openstack/zaqar-tempest-
↳plugin
tempest_plugin_zaqar_git_install_branch: master

tempest_plugin_zun_git_repo: https://opendev.org/openstack/zun-tempest-plugin
```

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```

tempest_plugin_zun_git_install_branch: master

# tempest_workspace where tempest can be runned
tempest_workspace: "{{ ansible_facts['env']['HOME'] }}/workspace"

# The location where the test include/exclude lists will be placed
tempest_test_includelist_file_path: "{{ tempest_workspace }}/etc/tempest_
↳includelist.txt"
tempest_test_excludelist_file_path: "{{ tempest_workspace }}/etc/tempest_
↳excludelist.txt"

# Tests to execute:
# This sets up a list of tests to execute based on what's deployed in the_
↳environment.
# The list gets added to the includelist which tempest executes.
# Defaults to tempest_test_whitelist for backwards compatibility and_
↳migration purposes.
tempest_test_includelist: "{{ tempest_test_whitelist | default(tempest_test_
↳default_includelist) }}"
tempest_test_default_includelist:
  - "smoke"
  - "{{ (tempest_service_available_ceilometer | bool) | ternary('tempest.api.
↳telemetry', '') }}"
  - "{{ (tempest_service_available_heat | bool) | ternary('tempest.api.
↳orchestration.stacks.test_non_empty_stack', '') }}"

# TODO(arxcruz) Right now, we have the tempest_test_whitelist parsed as -e
# argument in ansible in several of our jobs, so it is right now hard to get
# rid of all of it in all the places. Once we implement the include list in_
↳the
# openstack-tempest-skiplist side, we can remove it
# Extra test to be executed
tempest_test_extra_test: []

# Tests being skipped by os_tempest
# Example:
# tempest_test_excludelist:
#   - test: tempest.scenario.test.minimum_basic
#     reason: This test is failing
#     lp: 'https://bugs.launchpad.net/openstack-ansible/+bug/123456'
#     bz: 'https://bugzilla.redhat.com/show_bug.cgi?id=123456'
# OR
# tempest_test_excludelist:
#   - 'tempest.scenario.test.minimum_basic'
# Defaults to tempest_test_blacklist for backwards compatibility and_
↳migration purposes.
tempest_test_excludelist: "{{ tempest_test_blacklist | default([]) }}"

# Toggle fatal deprecations

```

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```
tempest_fatal_deprecations: False

# Private network configuration
# Currently supports 2 types
# vlan - will need to make sure your seg id and subnet cidr are correct
# vxlan - default, can change subnet cidr and seg id

# This needs to coincide with tempest_network_tenant_network_cidr and
# tempest_network_tenant_network_mask_bits below
tempest_private_net_name: "private"
tempest_private_subnet_name: "private-subnet"
tempest_private_subnet_cidr: "192.168.74.0/28"
tempest_private_net_provider_type: "vxlan"
tempest_private_net_seg_id: 1
# If you choose vlan as private network provider type, you must set a physical
# name for it
# tempest_private_net_physical_name: "private"

# Public network configuration
# Currently supports 2 types
# Flat - default
# Vlan - make sure you override seg id, cidr, provider and physical
tempest_public_net_name: "public"
tempest_public_subnet_name: "public-subnet"
tempest_public_subnet_cidr: "10.1.13.0/24"
# Neutron default gateway to first ip of subnet, usually .1
# tempest_public_subnet_gateway_ip:
tempest_public_net_provider_type: "flat"
# TODO(chkumar246):
# The use of _type is to provide backwards compatibility for
# overrides in S and can be removed in T.
tempest_public_net_physical_name: "{{ tempest_public_net_physical_type |_
  ↪default('flat') }}"
tempest_public_net_seg_id: ""
tempest_public_router_external: "True"
# Example allocation range:
# tempest_public_subnet_allocation_pools: "10.1.13.150-10.1.13.200"
tempest_public_subnet_allocation_pools: ""

tempest_compute_ssh_user: cirros
tempest_compute_image_ssh_user: cirros
tempest_compute_run_ssh: True
tempest_compute_console_output_enabled: True
tempest_compute_resize_enabled: True
tempest_compute_snapshot_enabled: True
tempest_compute_change_password: False
tempest_network_tenant_network_cidr: "192.168.74.0/24"
tempest_network_tenant_network_mask_bits: 28
tempest_network_ping_gateway: False
```

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tempest_dashboard_url: "https://{{ external_lb_vip_address | default('127.0.0.
↪1') }}/"/>
# var for setting tempest_service_available_{service_name} vars
# Example:
# tempest_services:
#   - cinder
#   - aodh
# It will set tempest_service_available_aodh and
# tempest_service_available_cinder to true.
tempest_services: []

tempest_service_available_aodh: "{{ groups['aodh_all'] is defined and groups[
↪'aodh_all'] | length > 0 }}"
tempest_service_available_barbican: "{{ groups['barbican_all'] is defined and
↪groups['barbican_all'] | length > 0 }}"
tempest_service_available_ceilometer: "{{ groups['ceilometer_all'] is defined
↪and groups['ceilometer_all'] | length > 0 }}"
tempest_service_available_cinder: "{{ groups['cinder_all'] is defined and
↪groups['cinder_all'] | length > 0 }}"
tempest_service_available_cloudkitty: "{{ groups['cloudkitty_all'] is defined
↪and groups['cloudkitty_all'] | length > 0 }}"
tempest_service_available_congress: "{{ groups['congress_all'] is defined and
↪groups['congress_all'] | length > 0 }}"
tempest_service_available_designate: "{{ groups['designate_all'] is defined
↪and groups['designate_all'] | length > 0 }}"
tempest_service_available_glance: "{{ groups['glance_all'] is defined and
↪groups['glance_all'] | length > 0 }}"
tempest_service_available_gnocchi: "{{ groups['gnocchi_all'] is defined and
↪groups['gnocchi_all'] | length > 0 }}"
tempest_service_available_heat: "{{ groups['heat_all'] is defined and groups[
↪'heat_all'] | length > 0 }}"
tempest_service_available_horizon: "{{ groups['horizon_all'] is defined and
↪groups['horizon_all'] | length > 0 }}"
tempest_service_available_ironic: "{{ groups['ironic_all'] is defined and
↪groups['ironic_all'] | length > 0 }}"
tempest_service_available_magnum: "{{ groups['magnum_all'] is defined and
↪groups['magnum_all'] | length > 0 }}"
tempest_service_available_manila: "{{ groups['manila_all'] is defined and
↪groups['manila_all'] | length > 0 }}"
tempest_service_available_mistral: "{{ groups['mistral_all'] is defined and
↪groups['mistral_all'] | length > 0 }}"
tempest_service_available_murano: "{{ groups['murano_all'] is defined and
↪groups['murano_all'] | length > 0 }}"
tempest_service_available_neutron: "{{ groups['neutron_all'] is defined and
↪groups['neutron_all'] | length > 0 }}"
tempest_service_available_neutron_bgpvpn: "{{ (groups['neutron_all'] is
↪defined) and (groups['neutron_all'] | length > 0) and ('bgpvpn' in neutron_
↪plugin_base | default([])) }}"

```

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```

tempest_service_available_neutron_vpnaas: "{{ (groups['neutron_all'] is_
↳defined) and (groups['neutron_all'] | length > 0) and ('vpnaas' in neutron_
↳plugin_base | default([])) }}"
tempest_service_available_nova: "{{ groups['nova_all'] is defined and groups[
↳'nova_all'] | length > 0 }}"
tempest_service_available_novajoin: False
# NOTE(jrosser) The lxd tempest test currently fails because the nova-lxd_
↳tempest
# plugin attempts to contact the compute node LXD daemon unix socket directly,
# which cannot work from container to host or in a multinode test
#tempest_service_available_nova_lxd: "{{ groups['nova_all'] is defined and_
↳groups['nova_all'] | length > 0 and nova_virt_type | default('kvm') == 'lxd' }}"
tempest_service_available_nova_lxd: False

tempest_service_available_octavia: "{{ groups['octavia_all'] is defined and_
↳groups['octavia_all'] | length > 0 }}"
tempest_service_available_panko: "{{ groups['panko_all'] is defined and_
↳groups['panko_all'] | length > 0 }}"
tempest_service_available_sahara: "{{ groups['sahara_all'] is defined and_
↳groups['sahara_all'] | length > 0 }}"
tempest_service_available_senlin: "{{ groups['senlin_all'] is defined and_
↳groups['senlin_all'] | length > 0 }}"
tempest_service_available_swift: "{{ (groups['swift_all'] is defined and_
↳groups['swift_all'] | length > 0) or (groups['ceph-rgw'] is defined and_
↳groups['ceph-rgw'] | length > 0) or (ceph_rgws is defined and ceph_rgws |_
↳length > 0) }}"
tempest_service_available_trove: "{{ groups['trove_all'] is defined and_
↳groups['trove_all'] | length > 0 }}"
tempest_service_available_whitebox: False
tempest_service_available_zaqar: "{{ groups['zaqar_all'] is defined and_
↳groups['zaqar_all'] | length > 0 }}"
tempest_service_available_zun: "{{ groups['zun_all'] is defined and groups[
↳'zun_all'] | length > 0 }}"

tempest_image_api_v1_enabled: False
tempest_image_api_v2_enabled: True

tempest_swift_enabled: True
tempest_swift_container_sync: True
tempest_swift_object_versioning: True
tempest_swift_discoverable_apis:
- bulk
- object
- container_quotas
- container_sync
- slo
- tempurl

tempest_volume_backend_names: [ backend1, backend2 ]

```

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```

tempest_volume_backup_enabled: False
tempest_volume_multi_backend_enabled: False

# Var for setting ssl verification
tempest_keystone_interface_insecure: "{{ (keystone_service_internaluri_
↳insecure | default(false)) | bool }}"

tempest_main_group: tempest_all

tempest_pip_packages:
  - "{{ (tempest_git_repo is defined) | ternary('git+' ~ (tempest_git_repo |
↳default('https://opendev.org/openstack/tempest.git')) ~ '@' ~ tempest_git_
↳install_branch ~ '#egg=tempest', 'tempest') }}"
  - cmd2
  - ddt
  - junitxml
  - lxml
  - nose
  - python-cinderclient
  - python-glanceclient
  - python-heatclient
  - python-keystoneclient
  - python-manilaclient
  - python-memcached
  - python-neutronclient
  - python-novaclient
  - python-openstackclient
  - python-senlinclient
  - python-saharaclient
  - python-subunit
  - python-swiftclient
  - python-troveclient
  - testscenarios
  - os-testr

# The list of images for tempest to download for the current architecture, as
↳defined
# in this role vars/main.yml file
# To override this list, use a list of the form
# tempest_images:
#   - url: ...           where to download from (required)
#     checksum: ...     checksum to validate downloaded file, format:
↳<algorithm>:<checksum> (optional)
#     format: ...       format to use when uploading to glance (required)
#     name: ...         name to use when uploading to glance (optional)
#     properties:      a dict of custom properties to attach to the image in
↳glance (optional)
#       <property>: <value>
tempest_images: "{{ tempest_images_map[ansible_facts['architecture']] }}"

```

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```
# The location where images are downloaded to
tempest_image_dir: "{{ lookup('env', 'HOME') }}/tempest-images"

tempest_enable_instance_password: True

tempest_flavors:
  - name: tempest1
    id: 201
    ram: 256
    disk: 1
    vcpus: 1
  - name: tempest2
    id: 202
    ram: 512
    disk: 1
    vcpus: 1

# The projects for tempest to use
tempest_projects:
  - "demo"
  - "alt_demo"

# The users for tempest to use
tempest_users:
  - name: "demo"
  - name: "alt_demo"

# The keystone roles for tempest to use
tempest_roles: []

## Tunable overrides
tempest_tempest_conf_overrides: {}

## The name of cloud from clouds.yaml
tempest_cloud_name: "default"

## The name of domain from clouds.yaml
tempest_domain_name: "default"

## The name of interface from clouds.yaml
tempest_interface_name: "internal"

# python-tempestconf variables
# The tempest_use_tempestconf by default is set to false, set to true if you
# want to generate the tempest.conf file with this tool, instead of
# tempest.conf from the template
tempest_use_tempestconf: false
tempest_tempestconf_venv_tag: "{{ venv_tag | default('untagged') }}"
```

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```

tempest_tempestconf_venv_bin: "/openstack/venvs/tempestconf-{{ tempest_
↳tempestconf_venv_tag }}/bin"

# We comment out `tempest_tempestconf_git_repo` so that the repo_build role
↳does not attempt to
# build the wheel from this repo/branch. Instead, we want python-tempestconf
↳to get built
# from the stable release defined in global requirements.
# tempest_tempestconf_git_repo: https://opendev.org/openinfra/python-
↳tempestconf
tempest_tempestconf_git_install_branch: master
tempest_tempestconf_git_constraints:
  - "--constraint {{ tempest_upper_constraints_url }}"
tempest_tempestconf_pip_packages:
  - "{{ (tempest_tempestconf_git_repo is defined) | ternary('git+' ~ (tempest_
↳tempestconf_git_repo | default('https://opendev.org/openinfra/python-
↳tempestconf')) ~ '@' ~ tempest_tempestconf_git_install_branch ~ '
↳#egg=python_tempestconf', 'python_tempestconf') }}"
tempest_tempestconf_profile:
  debug: true
  create: true
  os-cloud: "{{ tempest_cloud_name }}"
  out: "{{ tempest_workspace }}/etc/tempest.conf"
  network-id: "{{ tempest_neutron_public_network_id }}"
  overrides: "{{ tempest_tempestconf_profile_overrides }}"
tempest_tempestconf_profile_extras: {}
tempest_tempestconf_profile_overrides: "{{ tempest_tempest_conf_overrides }}"

# Stackviz tarball url
stackviz_pip_install_args: "{{ pip_install_options | default('--isolated') }}"
stackviz_tarball: "https://tarballs.opendev.org/openstack/stackviz/dist/
↳stackviz-latest.tar.gz"
stackviz_venv_tag: "{{ venv_tag | default('untagged') }}"
stackviz_venv_bin: "/openstack/venvs/stackviz-{{ stackviz_venv_tag }}/bin"
tempest_run_stackviz: true

```

1.4.4 os_tempest configuration

This page shows all of the variables which can be set in order to control the behaviour of os_tempest role and provides examples on how to do so.

For a list of all variables with a default value set, please, refer to the [this page](#).

Set the name of the cloud

os-tempest uses named cloud credentials so it requires the name of the cloud the role will be executed against. The name is provided to os-tempest via the `tempest_cloud_name` variable. In order to use named clouds a `clouds.yaml` file needs to be present on the **target host**. `clouds.yaml` file needs to be stored at one of the supported locations, [see here](#) For more information about named clouds, please, follow to the [os-client-config official documentation](#)

Warning: `clouds.yaml` file has to be present on the target host - the host os_tempest is gonna be executed against.

python-tempestconf

python-tempestconf is a tool which generates a `tempest.conf` file necessary for Tempest execution. For more information about the tool, please, [follow its official documentation](#).

If you want os_tempest to execute `python-tempestconf`, prior to Tempest execution in order to generate `tempest.conf` file, set `tempest_use_tempestconf` variable to true:

```
tempest_use_tempestconf: true
```

More information about `python-tempestconf` arguments can [be found here](#).

The best way how to pass any arguments to `python-tempestconf` is using its [profile feature](#).

os_tempest provides `tempest_tempestconf_profile` variable for setting desired python-tempestconfs arguments. For example, if you wanted to define **debug** to `true`, **os-cloud** to `demo` and override output of `python-tempestconf` to `/my/location/tempest.conf`, it would be done by:

```
tempest_tempestconf_profile:  
  debug: true  
  os-cloud: demo  
  out: /my/location/tempest.conf
```

- [search](#)