
OpenStack-Ansible Documentation: **repo_server role** *Release 18.1.0.dev133*

OpenStack-Ansible Contributors

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Ansible role that deploys a repository server for python packages, git sources and package caching for deb/rpm.

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

DEFAULT VARIABLES

```
## Verbosity Options
debug: False

## Cap the maximum number of threads / workers when a user value is
↳unspecified.
repo_nginx_threads_max: 16
repo_nginx_threads: "{{ [ [ansible_facts['processor_vcpus']|default(2) // 2,
↳ 1] | max, repo_nginx_threads_max] | min }}"

## APT Cache Options
cache_timeout: 600

## Centos EPEL repository options
repo_centos_epel_mirror: "{{ centos_epel_mirror | default('http://download.
↳fedoraproject.org/pub/epel') }}"
repo_centos_epel_key: "{{ centos_epel_key | default('http://download.
↳fedoraproject.org/pub/epel/RPM-GPG-KEY-EPEL-' ~ ansible_facts[
↳'distribution_major_version']) }}"

## Centos NGINX repository options
repo_centos_nginx_mirror: "{{ centos_nginx_mirror | default('http://nginx.
↳org/packages/centos/$releasever/$basearch') }}"
repo_centos_nginx_key: "{{ centos_nginx_key | default('http://nginx.org/
↳keys/nginx_signing.key') }}"

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

repo_worker_connections: 1024
repo_server_name: openstack-slushee

repo_service_home_folder: /var/www
repo_service_user_name: nginx
repo_service_group_name: www-data

# If you want to regenerate the repo users SSH keys, on each run, set this
↳var to True
# Otherwise keys will be generated on the first run and not regenerated
↳each run.
repo_recreate_keys: False
```

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```
# Main web server port
repo_server_bind_address: "{{ openstack_service_bind_address | default('0.
↪0.0.0') }}"
repo_server_port: 8181

# This directory is used by the repo_build, and will cause problems if_
↪synced
# to repo_containers with other releases.
repo_build_global_links_dirname: links

# This directory is used on the deploy host to create u-c files which are_
↪then
# copied to the repo server and served by http. Any other files in this
# directory placed by the deployer will also be transferred
repo_upper_constraints_path: "/etc/openstack_deploy/upper-constraints"
```


REQUIRED VARIABLES

None.

EXAMPLE PLAYBOOK

```
- name: Setup repo servers
  hosts: repo_all
  user: root
  roles:
    - { role: "repo_server", tags: [ "repo-server" ] }
```