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# **OpenStack-Ansible Documentation: openstack\_openrc role**

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This Ansible role creates the configuration files used by various OpenStack CLI tools. For more information about these tools, see the [OpenStack CLI Reference](#).

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



## DEFAULT VARIABLES

```
## Use System Scope Authentication
openrc_system_scope: false

## Endpoint types
openrc_cinder_endpoint_type: internalURL
openrc_nova_endpoint_type: internalURL
openrc_manila_endpoint_type: internalURL
openrc_os_endpoint_type: internalURL
openrc_clouds_yaml_interface: internal

## Default credentials
openrc_os_username: admin
openrc_os_tenant_name: admin
openrc_os_auth_type: password
openrc_os_auth_url: "http://127.0.0.1:5000"
openrc_region_name: RegionOne
openrc_os_domain_name: Default

## Deliberately allow access to SSL endpoints with bad certificates
openrc_insecure: >-
  {{ (keystone_service_adminuri_insecure | default(false) | bool or
    keystone_service_internaluri_insecure | default(false) | bool) }}
## Create openrc file(s)
openrc_file_dest: "{{ ansible_facts['env']['HOME'] }}/openrc"
openrc_system_file_dest: "{{ openrc_file_dest | dirname }}/openrc.system_scope
↵"
openrc_file_owner: "{{ ansible_facts['user_id'] }}"
openrc_file_group: "{{ ansible_facts['user_id'] }}"
openrc_file_mode: "0600"

## Create clouds.yml file
openrc_openstack_client_config_dir_dest: "{{ ansible_facts['env']['HOME'] }}/.
↵config/openstack"
openrc_openstack_client_config_dir_owner: "{{ ansible_facts['user_id'] }}"
openrc_openstack_client_config_dir_group: "{{ ansible_facts['user_id'] }}"
openrc_openstack_client_config_dir_mode: "0700"
openrc_clouds_yaml_file_dest: "{{ openrc_openstack_client_config_dir_dest }}/
↵clouds.yml"
```

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```
openrc_clouds_yaml_file_owner: "{{ ansible_facts['user_id'] }}"
openrc_clouds_yaml_file_group: "{{ ansible_facts['user_id'] }}"
openrc_clouds_yaml_file_mode: "0600"

openrc_locale: "{{ ansible_facts.env.LANG | default('C.UTF-8') }}"
```



## REQUIRED VARIABLES

To use this role, define the following variables:

```
keystone_service_adminuri_insecure: false
keystone_service_internaluri_insecure: false
openrc_os_password: secrete
openrc_os_domain_name: Default
```



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## CHAPTER THREE

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### TAGS

This role supports two tags: `openstack_openrc-install` and `openstack_openrc-config`. The `openstack_openrc-install` tag is only used to setup the appropriate folders. The `openstack_openrc-config` tag can be used to manage configuration.



## EXAMPLE PLAYBOOK

```
- name: Create OpenStack openrc and clouds.yaml file
  hosts: all
  user: root
  roles:
    - role: "openstack_openrc"
  vars:
    openrc_os_password: secrete
```