



## boot\_autovnf.py Help

```
usage: boot_autovnf.py [-h] [--version] [--hostname HOSTNAME]
                        [--os_auth_url OS_AUTH_URL]
                        [--os_tenant_name OS_TENANT_NAME]
                        [--os_tenant_id OS_TENANT_ID]
                        [--os_project_name OS_PROJECT_NAME]
                        [--os_project_id OS_PROJECT_ID]
                        [--os_project_domain_name OS_PROJECT_DOMAIN_NAME]
                        [--os_project_domain_id OS_PROJECT_DOMAIN_ID]
                        [--os_username OS_USERNAME] [--os_user_id OS_USER_ID]
                        [--os_password OS_PASSWORD]
                        [--os_user_domain_name OS_USER_DOMAIN_NAME]
                        [--os_user_domain_id OS_USER_DOMAIN_ID]
                        [--os_identity_api version OS_IDENTITY_API_VERSION]
                        [--net NET [NET...]] [--ip [IPADDR [IPADDR...]]]
                        [--gateway DEFAULT_GW] [--gateway_if DEFAULT_GW_IDX]
                        [--ha] [--vip VIP] [--flavor FLAVOR]
                        [--avail_zone AVAIL_ZONE] --image IMAGE
                        [--ssh_key_file SSH_KEY_FILE] [--password PASSWORD]
                        [--admin ADMIN] [--oper OPER] [--security SECURITY]
```

### optional arguments:

```
-h, --help            show this help message and exit
--version            show program's version number and exit
--hostname HOSTNAME  Hostname prefix
```

OpenStack configuration to instantiate AutoVNF cluster. You can either source RC file or provide them on command line.:

```
--os_auth_url OS_AUTH_URL
    OS Auth-URL, defaults to env[OS_AUTH_URL].
--os_tenant_name OS_TENANT_NAME
    OS Tenant Name, defaults to env[OS_TENANT_NAME].
--os_tenant_id OS_TENANT_ID
    OS Tenant ID, defaults to env[OS_TENANT_ID].
--os_project_name OS_PROJECT_NAME
    OS Project Name, defaults to env[OS_PROJECT_NAME].
--os_project_id OS_PROJECT_ID
    OS Project ID, defaults to env[OS_PROJECT_ID].
--os_project_domain_name OS_PROJECT_DOMAIN_NAME
    OS Project Domain Name, defaults to
    env[OS_PROJECT_DOMAIN_NAME].
--os_project_domain_id OS_PROJECT_DOMAIN_ID
    OS Project Domain ID, defaults to
    env[OS_PROJECT_DOMAIN_ID].
--os_username OS_USERNAME
    OS Username, defaults to env[OS_USERNAME].
--os_user_id OS_USER_ID
    OS User ID, defaults to env[OS_USER_ID].
--os_password OS_PASSWORD
    OS Password, defaults to env[OS_PASSWORD].
--os_user_domain_name OS_USER_DOMAIN_NAME
    OS User Domain Name, defaults to
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        env[OS_USER_DOMAIN_NAME].
--os_user_domain_id OS_USER_DOMAIN_ID
    OS User Domain ID, defaults to env[OS_USER_DOMAIN_ID].
--os_identity_api_version OS_IDENTITY_API_VERSION
    OS Identity API Version, defaults to
    env[OS_IDENTITY_API_VERSION].

Networks to be used, first network is used as orchestration.:
--net NET [NET ...] Ordered list of networks (name or uuid) to attach to
    AutoVNF Cluster.
--ip [IPADDR [IPADDR ...]]
    Static IP, default is DHCP

Default gateway parameters.:
--gateway DEFAULT_GW Default Gateway IP Address, needed only in case of
    static IP
--gateway_if DEFAULT_GW_IDX
    Interface index to associate default route, default is
    first interface.

High-Availability parameters:
--ha Enable High-Availability
--vip VIP Virtual IP Address (VIP) for cluster

VM specific parameters:
--flavor FLAVOR VM Flavor (name or uuid), default is 'ml.medium'
--avail_zone AVAIL_ZONE
    The availability zone for AutoVNF placement.
--image IMAGE Image name or UUID from VIM

AutoVNF VM Login Parameters, if not provided, user will be prompted:
--ssh_key_file SSH_KEY_FILE
    Path to SSH key file to be used as authorised key for
    login as 'ubuntu'
--password PASSWORD Password for login as 'ubuntu', this is required if
    SSH key is not provided

AutoVNF API Access parameters, if not provided, user will be prompted:
--admin ADMIN Password for AutoVNF admin user.
--oper OPER Password for AutoVNF oper user
--security SECURITY Password for AutoVNF security user

```