



## boot\_uas.py Help

```
./boot_uas.py --help
usage: boot_uas.py [-h] [--version] [--hostname HOSTNAME]
                  [--delete DELETE [DELETE ...]] [--recover RECOVER]
                  [--delete-uas] [--upgrade-uas] [--upgrade UPGRADE] [--json]
                  [--openstack] [--kvm] [--autodeploy] [--autoit] [--autovnf]
                  [--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 ...]]]
                  [--orch-interface ORCH_INTF] [--gateway DEFAULT_GW]
                  [--gateway_if DEFAULT_GW_IDX] [--ha] [--ha-vip HA_VIP]
                  [--ha-net HA_VIP_NET] [--ha-secret HA_SECRET]
                  [--floating-ip [FLOATING_IP]]
                  [--external-network PUBLICNET] [--flavor FLAVOR]
                  [--avail_zone AVAIL_ZONE] [--image IMAGE]
                  [--ssh_key_file SSH_KEY_FILE] [--password PASSWORD]
                  [--admin ADMIN] [--oper OPER] [--security SECURITY]
                  [--syslog-ip SYSLOG_SERVER_IP] [--port SYSLOG_SERVER_PORT]
                  [--severity SYSLOG_SEVERITY]
```

### optional arguments:

-h, --help	show this help message and exit
--version	show program's version number and exit
--hostname HOSTNAME	Hostname prefix
--delete DELETE [DELETE ...]	Delete UAS deployment. Applicable only for OpenStack
--recover RECOVER	Recover UAS deployment.
--delete-uas	Deletes the UAS deployment. Applicable only for KVM
--upgrade-uas	Rolling Upgrade for uas deployment. Applicable only for KVM
--upgrade UPGRADE	Rolling Upgrade for UAS deployment. Applicable only for OpenStack.
--json	Output Data in JSON

### Specify the infrastructure to be used for the UAS VM:

--openstack	Use Openstack Infrastructure
--kvm	Use KVM Infrastructure

Specify the type of UAS VM to be instantiated:

```
--autodeploy      Boot AutoDeploy UAS type
--autoit          Boot AutoIT UAS type
--autovnf         Boot AutoVNF UAS type
```

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
                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
--orch-interface ORCH_INTF
                    Orchestration Interface
```

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
--ha-vip HA_VIP   Virtual IP Address (VIP) for cluster
--ha-net HA_VIP_NET
                    Network used to assign the VIP address
--ha-secret HA_SECRET
                    HA Secret for the cluster
```

Floating IP Parameters:

```
--floating-ip [FLOATING_IP]
                    Enable floating IP association to VIP port
--external-network PUBLICNET
```

External Network to allocate floating IP.

VM specific parameters:

```
--flavor FLAVOR      VM Flavor (name or uuid), default is 'm1.medium'
--avail_zone AVAIL_ZONE
                    The availability zone for AutoVNF placement.
--image IMAGE       Image name or UUID from VIM or location of the qcow2
                    image file
```

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
```

Syslog Configuration Parameters:

```
--syslog-ip SYSLOG_SERVER_IP
                    Remote syslog server IP address
--port SYSLOG_SERVER_PORT
                    Remote syslog server port
--severity SYSLOG_SEVERITY
                    Severity of syslog
```

