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- **Only for development and test purpose:**

This code is a service program that mock openstack services when creating VBRG and VGW in VCPE usecase. The ports that provide the mock service are 5000,8774 and 8004. The different port service need to be started separately.

- **Installing:** python3
- **Running prepare:**

➤ **Switch ONAP cloud environment**

(For example, mock server script run on 172.30.22.74)

1. Log in to SO
2. \$ vim /opt/test_lab/volumes/mso/chef-config/mso-docker.json
3. change the real OpenStack service address to the mock server address
(for example: change "http://172.30.3.10/v2.0" to "http://172.30.22.74/v2.0")

```

],
"identity_services": [
  {
    "admin_tenant": "service",
    "dcp_cli": "DEFAULT_KEYSTONE",
    "identity_authentication_type": "USERNAME_PASSWORD",
    "identity_server_type": "KEYSTONE",
    "identity_url": "http://172.30.3.10:5000/v2.0",
    "member_role": "admin",
    "mso_id": "demo",
    "mso_pass": "bbaef6cd76625ab9eb60deedae7dbb9",
    "tenant_metadata": "true"
  }
],
"nwbpelauth": "5119D1AF37F671FC01FFAD2151D93EFB2BBB503E879FD07104D024EDDF118FD1",
"vnfbpelauth": "5119D1AF37F671FC01FFAD2151D93EFB2BBB503E879FD07104D024EDDF118FD1

```

4. Finally, restart docker testlab_mso_1 to enable the modified configuration to take effect
\$ docker restart testlab_mso_1

➤ **Modify the simulated data according to the local environment**

You need to modify the IP address of so, sdnc, policy, a&ai and robot in the simulated data according to your local ONAP environment in the file : respond-200-l.json.

```

{
  "wrs-res:topology": "node:0, 8192MB, pgsiz:2M, vcpus:0-3, pol:sha",
  "OS-EXT-STS:task_state": null,
  "addresses": {
    "oam_onap_FKKn": [
      {
        "OS-EXT-IPS-MAC:mac_addr": "fa:16:3e:bc:57:3a",
        "version": 4,
        "addr": "10.0.7.1",
        "OS-EXT-IPS:type": "fixed"
      },
      {
        "OS-EXT-IPS-MAC:mac_addr": "fa:16:3e:bc:57:3a",
        "version": 4,
        "addr": "172.30.22.45",
        "OS-EXT-IPS:type": "floating"
      }
    ]
  }
}

```

- **Running:**

```
$ python3 server-python3.py [port] [ip]
```

```
[port]: 5000/8774/8004
```

```
[ip]: mock server ip address
```

For example:

```
$ python3 server-python3.py 5000 172.30.22.74
```

```
$ python3 server-python3.py 8774 172.30.22.74
```

```
$python3 server-python3.py 8004 172.30.22.74
```