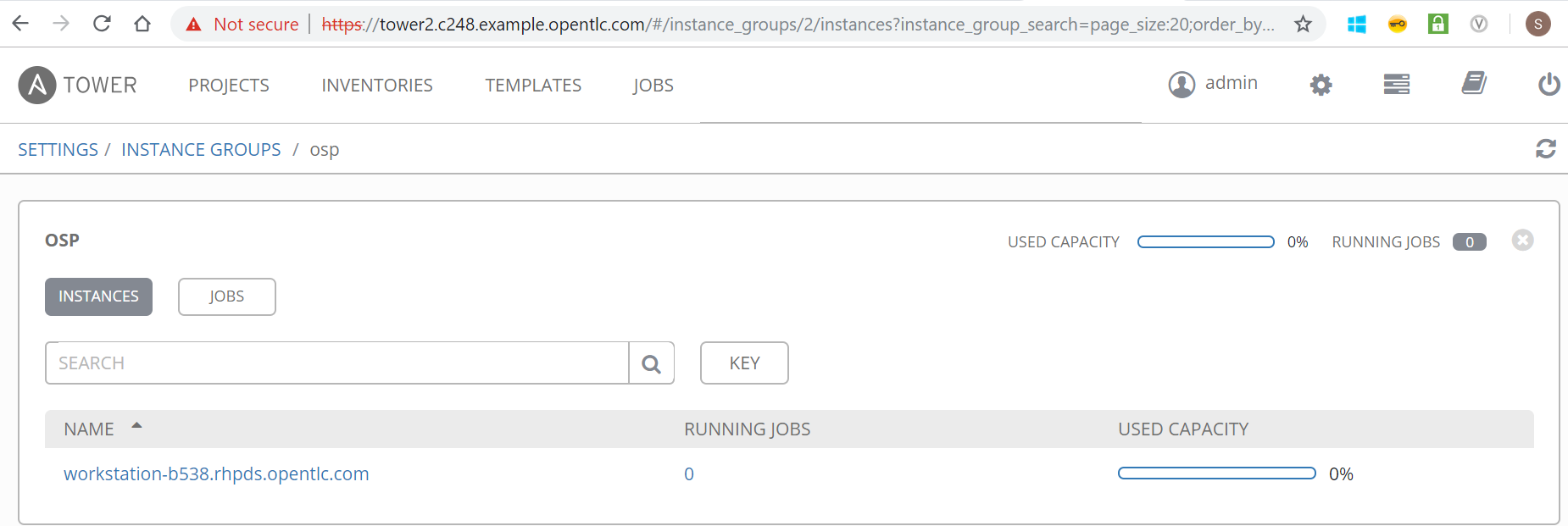
**Home Lab Assignment**

**Step 1:** Verified the connection to workstation using ***~/.ssh/mykey.pem*** key, however this shows an error. Hence openstack.pem and openstack.pub keys are used to establish the connection.

**Step 2:** Download and place the keys in appropriate folders. Setup ssh connection to workstation using ***openstack.pem*** and ***openstack.pub*** keys. Connection got established successfully.

**Step 3:** Verified the ‘***site-setup-workstation.yml’*** file and executed the set up file to create the environment.

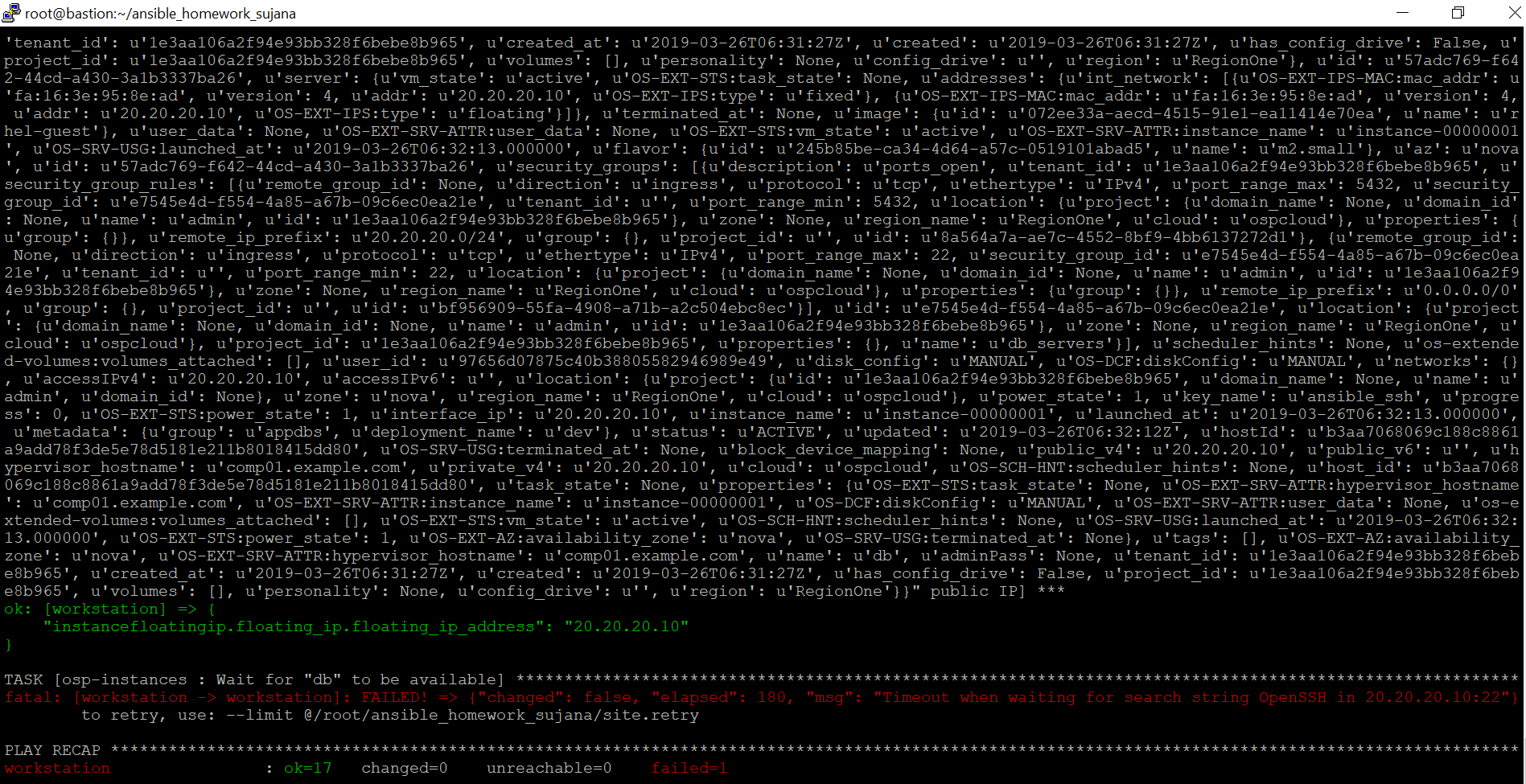
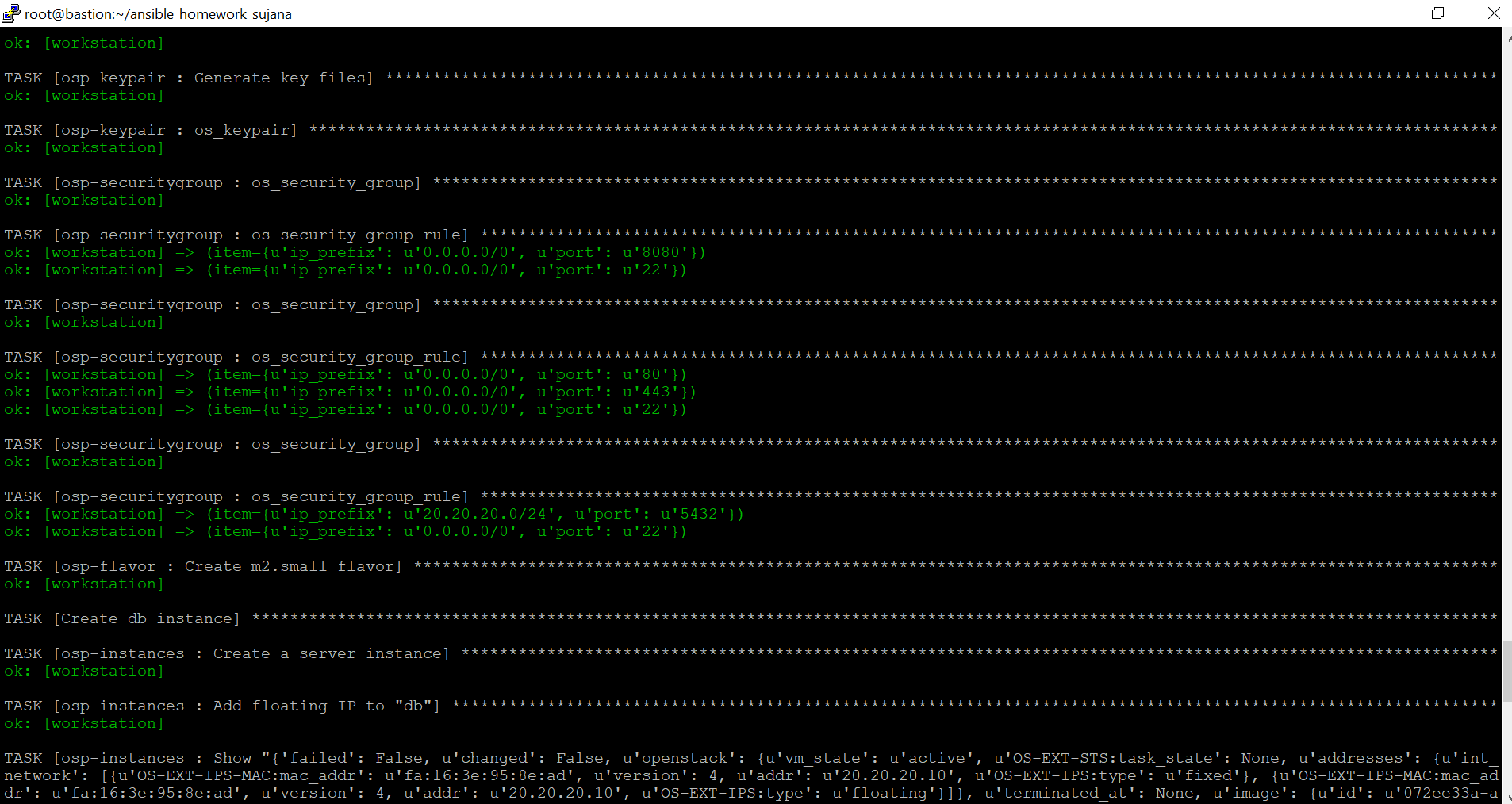
**Step 4**: Installed the workstation as an isolated node. Also, verified that the Instance group “***osp***” is available in tower: <https://tower2.c248.example.opentlc.com> with [workstation-b538.rhpds.opentlc.com](https://tower2.c248.example.opentlc.com/#/instance_groups/2/instances/4/jobs?instance_group_search=page_size%3A20%3Border_by%3Aname&instance_search=page_size%3A20%3Border_by%3Ahostname) as instance.



**Step 5:** Setup files are uploaded in Github : <https://github.com/sujanask/ansible_homework_sujana>

Prepare the environment for 3 trier application set up:

**Task 1 : DB InStance creation :**



Instance got created and IP is allocated. However the connection failed.

[‎3/‎26/‎2019 12:21 PM]

it failed

TASK [osp-instances : Wait for "db" to be available] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

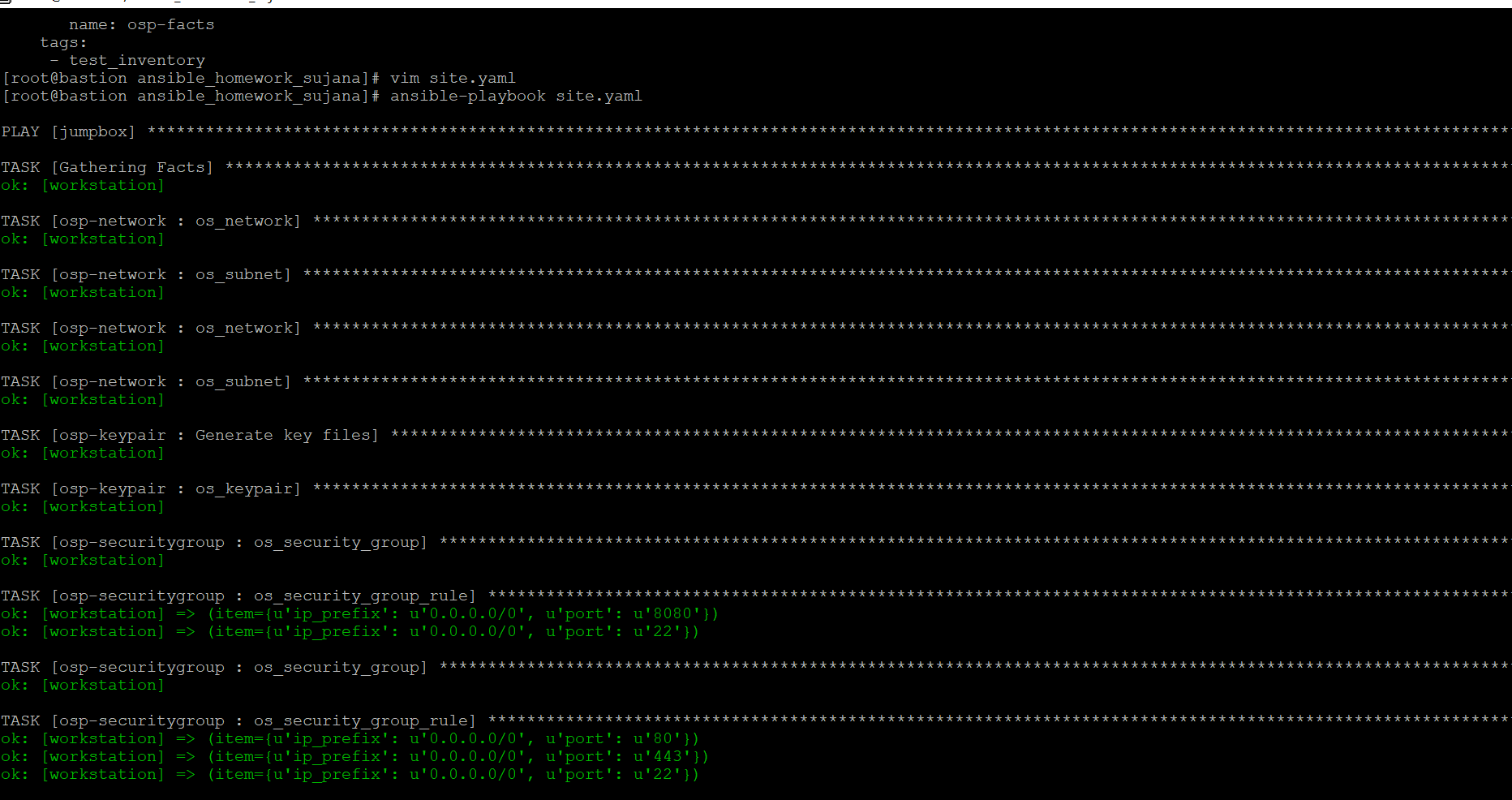
fatal: [workstation -> workstation]: FAILED! => {"changed": false, "elapsed": 180, "msg": "Timeout when waiting for search string OpenSSH in 20.20.20.10:22"}

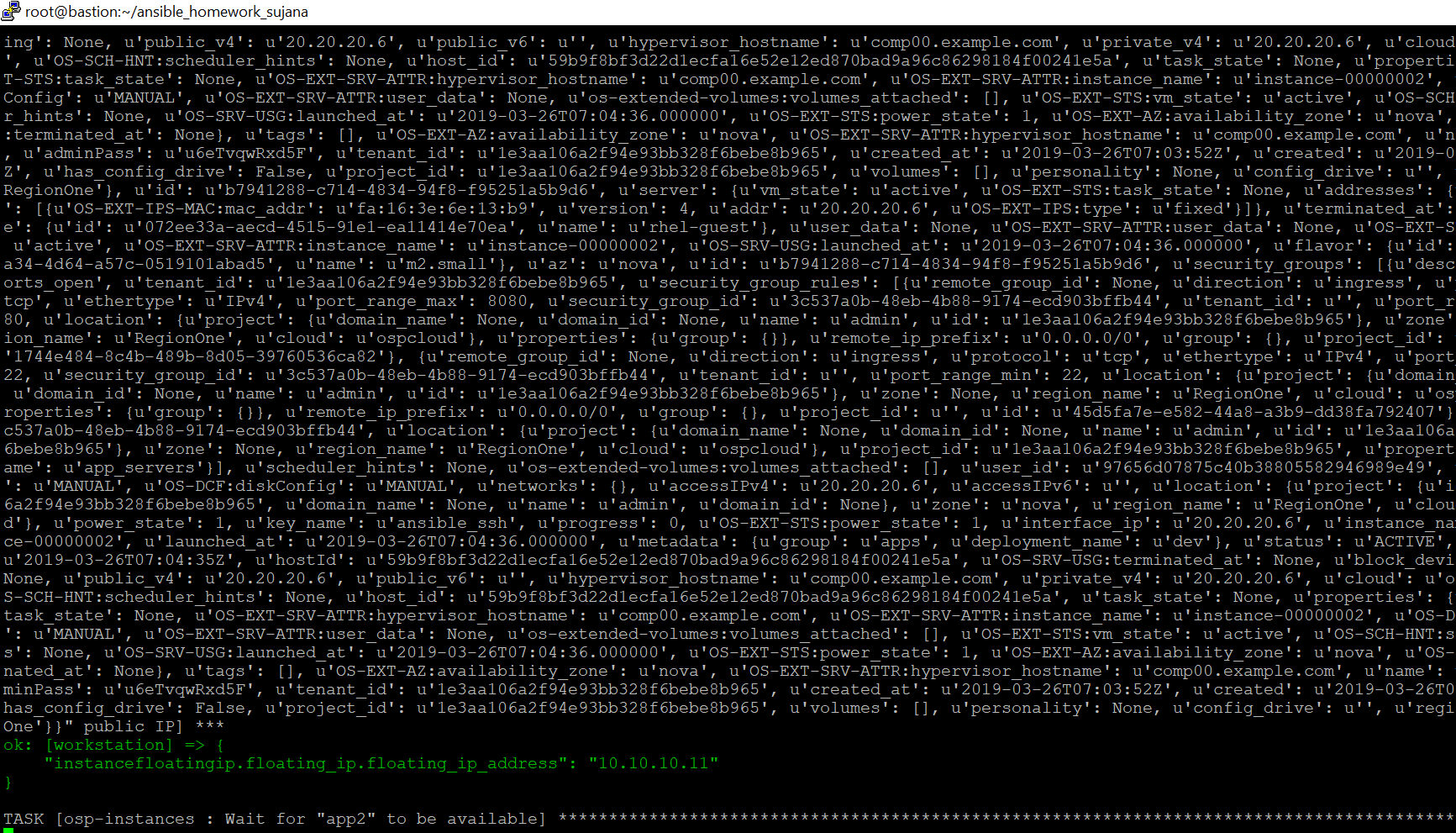
        to retry, use: --limit @/root/ansible\_homework\_sujana/site.retry

PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

workstation                : ok=17   changed=0    unreachable=0    failed=1

**Task 2 : App Tier creation :**





TASK [osp-instances : Wait for "app2" to be available] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

fatal: [workstation -> workstation]: FAILED! => {"changed": false, "elapsed": 180, "msg": "Timeout when waiting for search string OpenSSH in 10.10.10.11:22"}

to retry, use: --limit @/root/ansible\_homework\_sujana/site.retry

PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

workstation : ok=17 changed=2 unreachable=0 failed=1

**tier 1**

TASK [osp-instances : Wait for "app1" to be available] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

fatal: [workstation -> workstation]: FAILED! => {"changed": false, "elapsed": 180, "msg": "Timeout when waiting for search string OpenSSH in 20.20.20.8:22"}

to retry, use: --limit @/root/ansible\_homework\_sujana/site.retry

PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

workstation : ok=17 changed=2 unreachable=0 failed=1