

sysadmin@Web-1: ~

sysadmin@Jump-Box-Provisioner:~\$ clear

sysadmin@Jump-Box-Provisioner:~\$ sudo docker container list --all

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
b55dd0d5d27b	cyberxsecurity/ansible	"/bin/bash"	2 weeks ago	Exited (127) 11 seconds ago		dreamy_williamson
3fc60df0e73b	cyberxsecurity/ansible:latest	"bash"	2 weeks ago	Exited (0) 10 days ago		hardcore_proskuriakova
5110982ce02e	cyberxsecurity/ansible:latest	"bash"	2 weeks ago	Exited (0) 10 days ago		amazing_wozniak

sysadmin@Jump-Box-Provisioner:~\$ sudo docker start dreamy_williamson
dreamy_williamson

sysadmin@Jump-Box-Provisioner:~\$ sudo docker attach dreamy_williamson

root@b55dd0d5d27b:~# ssh sysadmin@10.0.0.5

Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 5.4.0-1032-azure x86_64)

* Documentation: <https://help.ubuntu.com>
* Management: <https://landscape.canonical.com>
* Support: <https://ubuntu.com/advantage>

System information as of Sat Dec 19 02:28:18 UTC 2020

System load:	0.0	Processes:	129
Usage of /:	12.3% of 28.90GB	Users logged in:	0
Memory usage:	46%	IP address for eth0:	10.0.0.5
Swap usage:	0%	IP address for docker0:	172.17.0.1

* Introducing self-healing high availability clusters in MicroK8s.
Simple, hardened, Kubernetes for production, from RaspberryPi to DC.

<https://microk8s.io/high-availability>

* Canonical Livepatch is available for installation.
- Reduce system reboots and improve kernel security. Activate at:
<https://ubuntu.com/livepatch>

8 packages can be updated.
0 updates are security updates.

*** System restart required ***

Last login: Sat Dec 12 21:53:47 2020 from 10.0.0.4

sysadmin@Web-1:~\$

1. From your Jump-Box, start up your Ansible container and attach to it.
2. SSH from your Ansible container to one of your WebVM's.
3. Run `sudo apt install stress` to install the stress program.

sysadmin@Web-1: ~

```
sysadmin@Web-1:~$ sudo apt install stress
```

```
Reading package lists... Done
```

```
Building dependency tree
```

```
Reading state information... Done
```

```
stress is already the newest version (1.0.4-2).
```

```
0 upgraded, 0 newly installed, 0 to remove and 11 not upgraded.
```

```
sysadmin@Web-1:~$ sudo stress --cpu 1
```

```
stress: info: [10980] dispatching hogs: 1 cpu, 0 io, 0 vm, 0 hdd
```

4. Run `sudo stress --cpu 1` and allow stress to run for a few minutes.
5. View the Metrics page for that VM in Kibana.