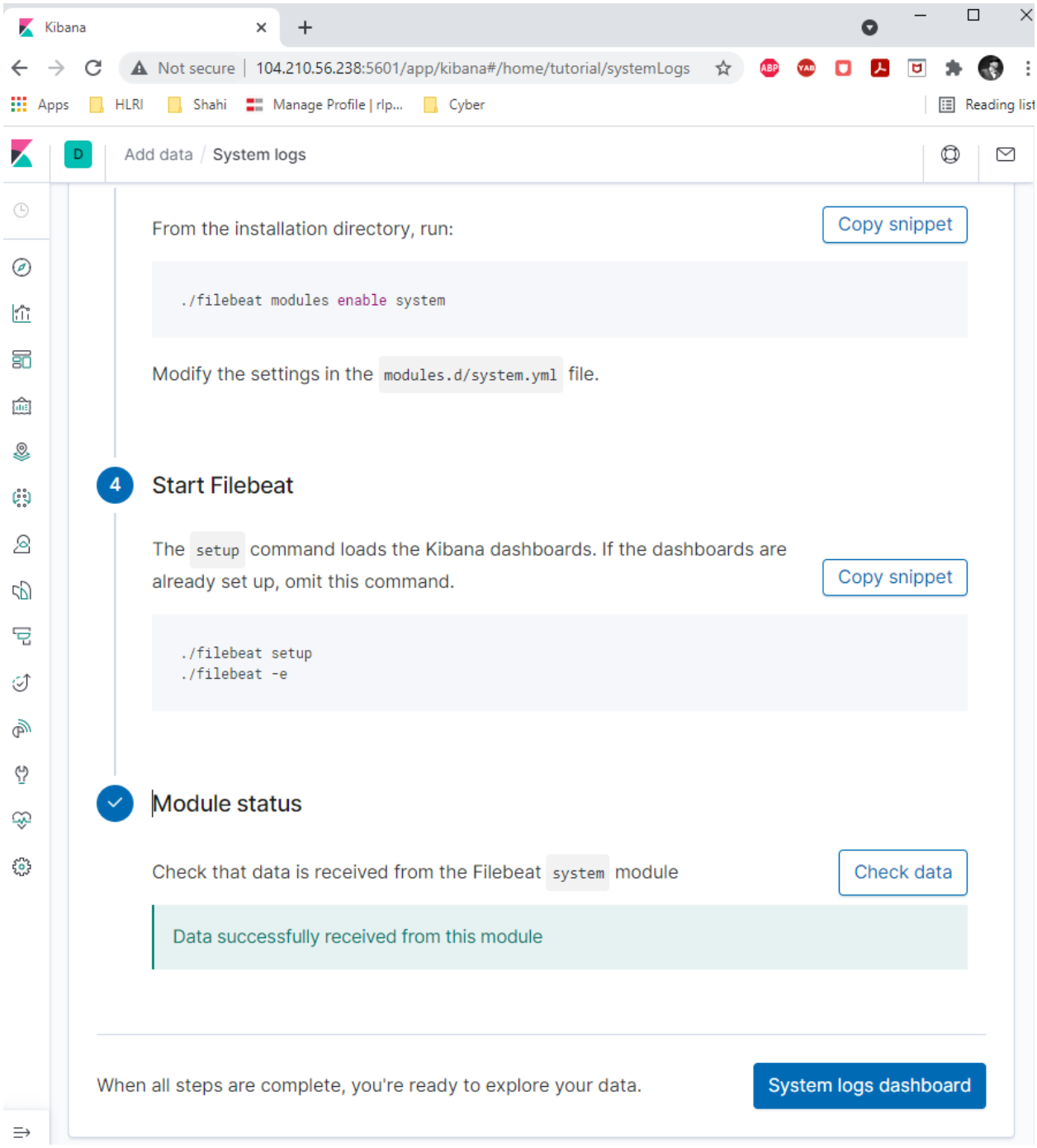
13. ELK Stack Project

```
root@61d65b3d5f2a:/etc/ansible# ansible-playbook install.elk.yml
[WARNING]: ansible.utils.display.initialize_locale has not been called, this may result in incorrectly
calculated text widths that can cause Display to print incorrect line lengths

PLAY [Configure Elk VM with Docker] **********************************************************************

TASK [Gathering Facts] ***********************************************************************************
ok: [10.3.0.4]

TASK [Install docker.io] *********************************************************************************
changed: [10.3.0.4]

TASK [Install python3-pip] *******************************************************************************
changed: [10.3.0.4]

TASK [Install Docker module] *****************************************************************************
changed: [10.3.0.4]

TASK [Increase virtual memory] ***************************************************************************
changed: [10.3.0.4]

TASK [Use more memory] ***********************************************************************************
changed: [10.3.0.4]

TASK [download and launch a docker elk container] ********************************************************
[DEPRECATION WARNING]: The container_default_behavior option will change its default value from
"compatibility" to "no_defaults" in community.docker 2.0.0. To remove this warning, please specify an
explicit value for it now. This feature will be removed from community.docker in version 2.0.0.
Deprecation warnings can be disabled by setting deprecation_warnings=False in ansible.cfg.
changed: [10.3.0.4]

TASK [Enable service docker on boot] *********************************************************************
ok: [10.3.0.4]

PLAY RECAP ***********************************************************************************************
10.3.0.4                   : ok=8    changed=6    unreachable=0    failed=0    skipped=0    rescued=0    ig
nored=0

root@61d65b3d5f2a:/etc/ansible#
```

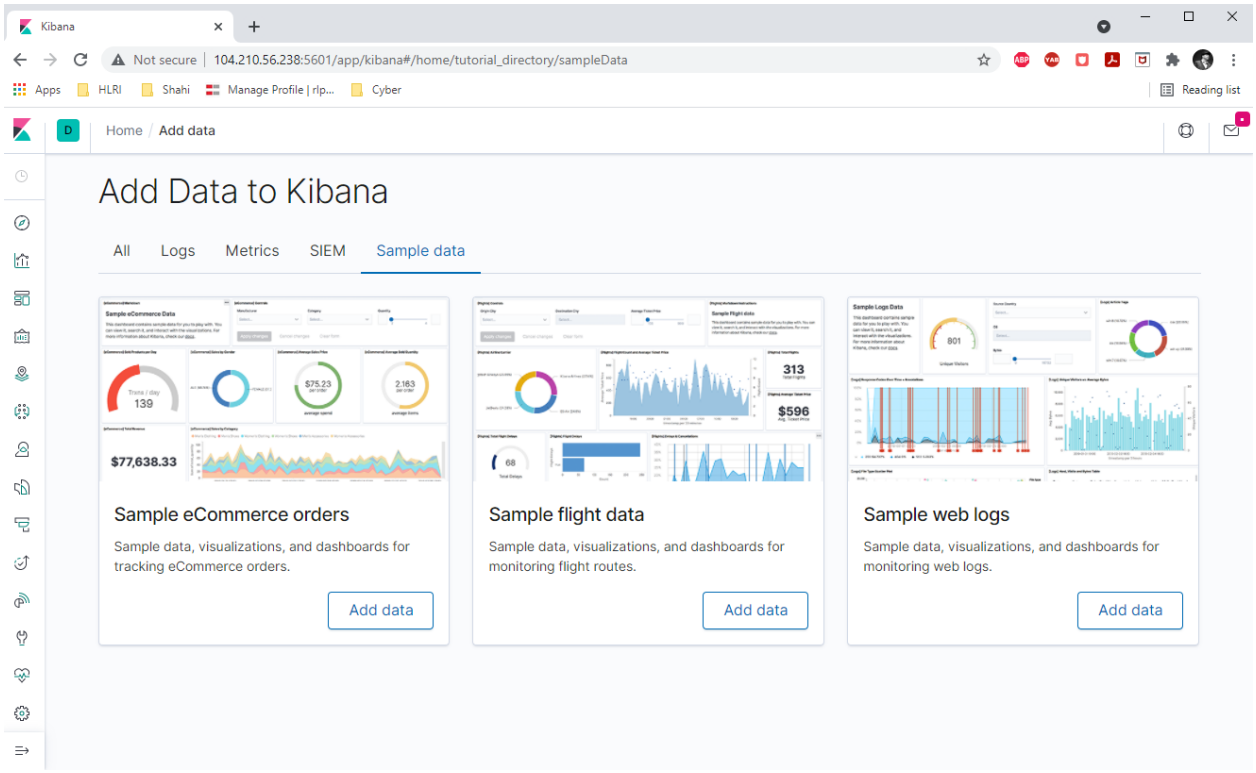
```
ansible@ELK-VM:~$ sudo docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED         STATUS         PORTS
                                                                         NAMES
3eb3f406ab8f   sebp/elk:761   "/usr/local/bin/star…"   9 minutes ago   Up 9 minutes   0.0.0.0:5044->5044/tc
p, 0.0.0.0:5601->5601/tcp, 0.0.0.0:9200->9200/tcp, 9300/tcp   elk
ansible@ELK-VM:~$
```

```
Last login: Tue Jun 15 00:35:18 2021 from 10.1.0.4
ansible@ELK-VM:~$ docker ps
Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get http://%2Fvar%2Frun%2Fdocker.sock/v1.24/containers/json: dial unix /var/run/docker.sock: connect: permission denied
ansible@ELK-VM:~$ sudo docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED         STATUS         PORTS                                                                          NAMES
3eb3f406ab8f   sebp/elk:761   "/usr/local/bin/star…"   9 minutes ago   Up 9 minutes   0.0.0.0:5044->5044/tcp, 0.0.0.0:5601->5601/tcp, 0.0.0.0:9200->9200/tcp, 9300/tcp   elk
ansible@ELK-VM:~$
```

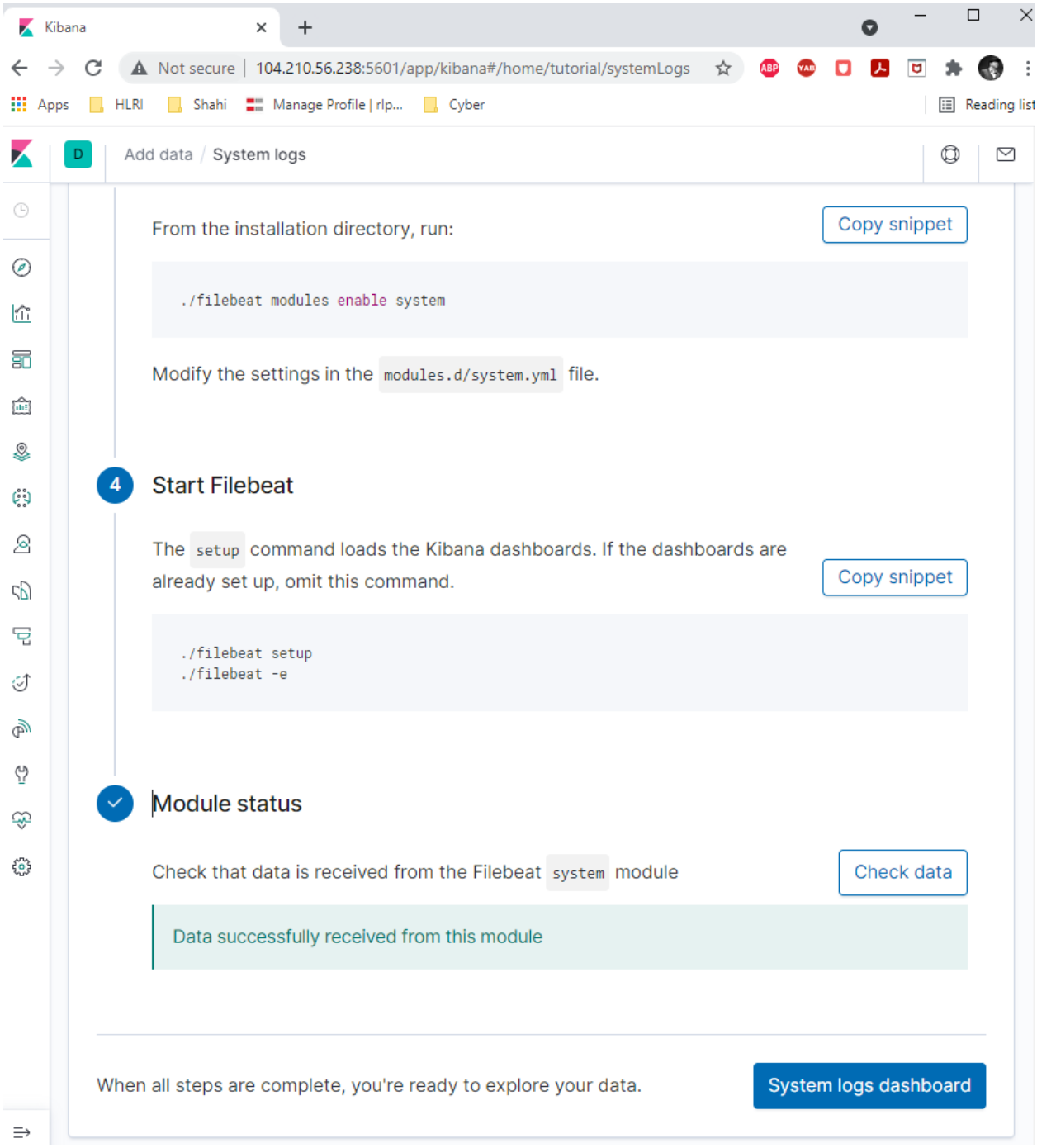
13. ELK Stack Project



13. ELK Stack Project

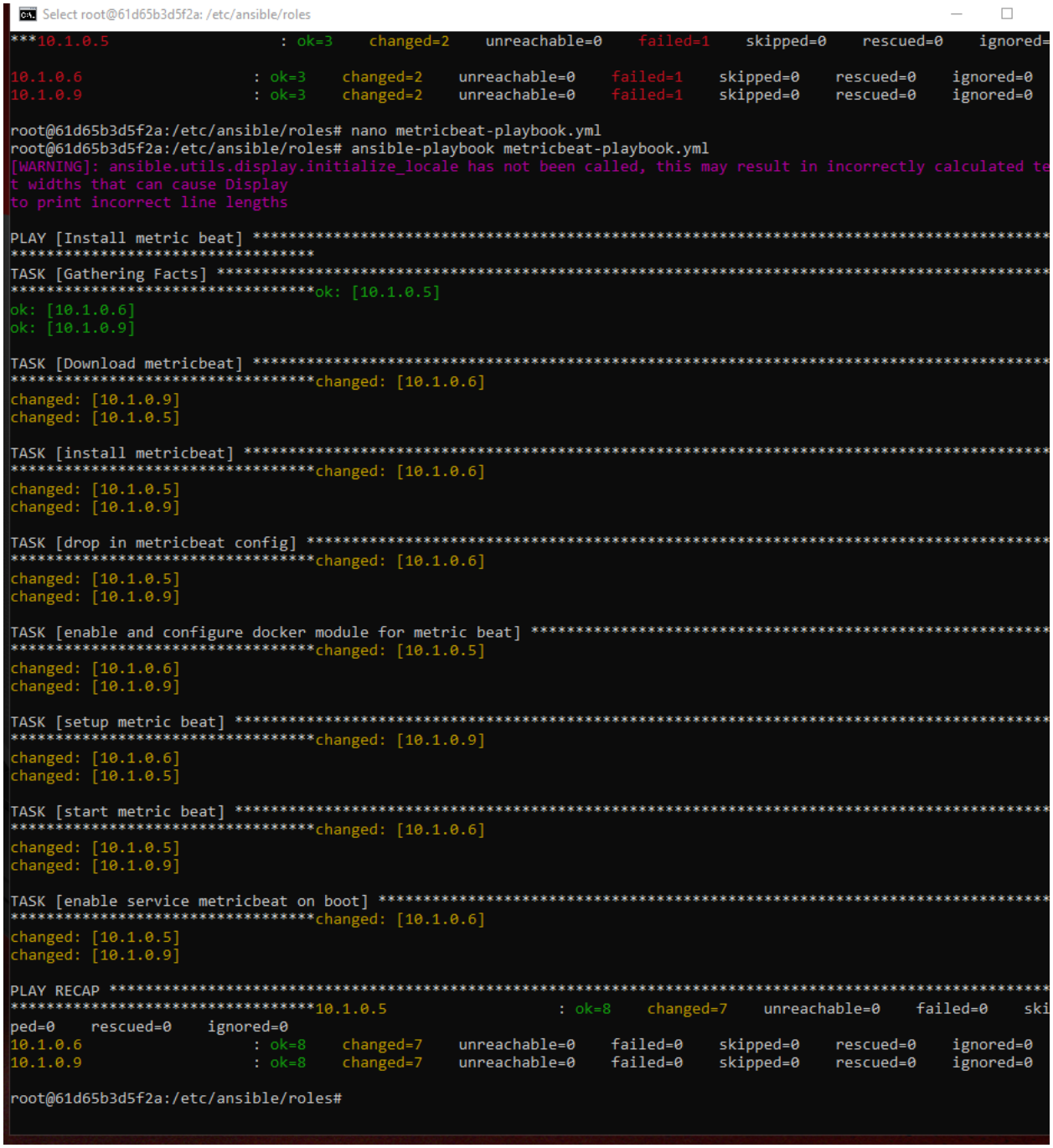


13. ELK Stack Project



13. ELK Stack Project

Bonus



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