Project Day one creating playbook

The next task is to add our newly added server to our Hosts file.

* ***Exit***  we want to exit our server and back to our jump box so that we may configure our new server.

***🡪cd /etc/ansible***  we want to change into our ***etc*** directory since this is where our application files are stored at.

🡪***nano hosts***  (we want to add our ***ELKProjectServer*** to the hosts that ansible can configure)

Graphical user interface, text, application

Description automatically generated

In the Hosts file we want to add our new server to devices that can be configured with ansible so we add this to its own group, and we call it ***[ELK ]*** we did this because we want it to configure it differently than our current webservers with a new playbook .

🡪***10.0.0.4 ansible\_python\_interpreter=/usr/bin/python3***

we want it to run python interpreter version 3 and not 2 iso we specify that information we also tell it exactly from where to locate the application in the USR

directory in the bin subdirectory

🡪***exit*** cntrl+C

🡪***yes*** we want to exit so we are confirming

🡪***save*** yes, we want to save the newly updated file so press Enter on keyboard.

Text

Description automatically generated

We now want to create a YMALfile that we will use to install ELK on via ansible.

Shape, rectangle

Description automatically generated

The net task is to create a play book of the installation guide for our new server we need to specifically add

- name: Configure ELK VM with Docker

hosts: elk

remote\_user: GreenAdmin

become: true

tasks:

- name: Use more memory

sysctl:

name: vm.max\_map\_count

value: 262144

state: present

reload: yes

- name: download and launch a docker elk container

docker\_container:

name: elk

image: sebp/elk:761

state: started

restart\_policy: always

published\_ports:

- 5601:5601

- 9200:9200

- 5044:5400

Text

Description automatically generated

Text

Description automatically generated

So I have to run my ansible playbook with the following command

🡪 ansible-playbook elk.yml

Once I do this I should have all my apps

A picture containing text

Description automatically generated

I now want to ssh into my sever and check to see if I properly ran the container

🡪ssh GreenAdmin@10.0.0.4

Text

Description automatically generated

Command I ran was

sudo docker ps to see if I ran the docker elk correctly

