

## INSTALL ELK YAML

**/etc/ansible/install-elk.yml**

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- name: Configure Elk VM with Docker

hosts: elk

remote\_user: sysadmin

become: true

tasks:

  # Use apt module

  - name: Install docker.io

    apt:

      update\_cache: yes

      force\_apt\_get: yes

      name: docker.io

      state: present

  # Use apt module

  - name: Install python3-pip

    apt:

      force\_apt\_get: yes

      name: python3-pip

      state: present

  # Use pip module (It will default to pip3)

  - name: Install Docker module

    pip:

      name: docker

      state: present

# Use command module

- name: Increase virtual memory

command: sysctl -w vm.max\_map\_count=262144

# Use sysctl module

- name: Use more memory

sysctl:

name: vm.max\_map\_count

value: "262144"

state: present

reload: yes

# Use docker\_container module

- name: download and launch a docker elk container

docker\_container:

name: elk

image: sebp/elk:761

state: started

restart\_policy: always

# Please list the ports that ELK runs on

published\_ports:

- 5601:5601

- 9200:9200

- 5044:5044

# Use systemd module

- name: Enable service docker on boot

systemd:

name: docker

enabled: yes