---

- name: Configure Elk VM with Docker hosts: elk remote\_user: ansible 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