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```
- name: Configure Elk VM with Docker
  hosts: elk
  remote_user: RedAdmin
  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