

## Install-elk.yml

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- name: Configure Elk VM with Docker
  - hosts: elk
  - remote\_user: radmin
  - become: true
  - tasks:
- name: Install [docker.io](https://docs.docker.com/install/linux/docker-ce/ubuntu/)
  - apt:
    - name: [docker.io](https://docs.docker.com/install/linux/docker-ce/ubuntu/)
    - state: present
    - force\_apt\_get: yes
    - update\_cache: yes
- name: Install python pip3
  - apt:
    - name: python3-pip
    - state: present
    - force\_apt\_get: yes
- name: Install Docker module
  - pip:
    - name: docker
    - update\_cache: yes
- name: Install python pip3
  - apt:
    - name: python3-pip
    - state: present
    - force\_apt\_get: yes
- name: Install Docker module
  - pip:
    - name: docker
    - state: present
- name: Increase virtual memory
  - command: sysctl -w vm.max\_map\_count=262144
- name: Download and launch a docker elk container
  - docker\_container:
    - name: elk
    - image: sebp/elk:761
    - state: started
- name: Increase virtual memory

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

- name: Download and launch a docker elk container

**docker\_container:**

**name: elk**

**image: sebp/elk:761**

**state: started**

- name: Increase virtual memory

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

- name: Download and launch a docker elk container

**docker\_container:**

**name: elk**

**image: sebp/elk:761**

**state: started**

**restart\_policy: always**

- name: Increase virtual memory

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

- 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**

**- 5044:5044**