Playbook.elk.yml

```yaml
---
- name: Configure Elk VM with Docker
  hosts: elk
  remote_user: sysadmin
  become: true
  tasks:

    - name: Install Docker.io
      apt:
        update_cache: yes
        force_apt_get: yes
        name: docker.io
        state: present

    - name: Install pip3
      apt:
        force_apt_get: yes
        name: python3-pip
        state: present

    - name: Install Docker python module
      pip:
        name: docker
        state: present

    - name: Increase virtual memory
      command: sysctl -w vm.max_map_count=262144

    - 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:
```

```yaml
      - 5601:5601
      - 9200:9200
      - 5044:5044

- name: Enable service docker on boot
  systemd:
    name: docker
    enabled: yes
```