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- name: Configure Elk VM with Docker
  - hosts: elk
  - become: true
  - tasks:
    - name: Install docker.io
      - apt:
        - update\_cache: yes
        - force\_apt\_get: yes
        - name: docker.io
        - state: present
    - name: Install python3-pip
      - apt:
        - force\_apt\_get: yes
        - name: python3-pip
        - state: present
    - name: Install Docker 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:
          - 5601:5601
          - 9200:9200
          - 5044:5044
    - name: Enable docker service

systemd:  
name: docker  
enabled: yes