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