ANSIBLE YML SCRIPTS

*My-playbook.yml*

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- name: My first playbook

hosts: webservers

become: true

tasks:

- name: Install apache httpd (state=present is optional)

apt:

name: apache2

state: present

/etc/ansible/pentest.yml

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- name: Config Web VM with Docker

hosts: webservers

become: true

tasks:

- name: docker.io

apt:

force\_apt\_get: yes

name: docker.io

state: present

- name: Install pip

apt:

force\_apt\_get: yes

name: python-pip

state: present

- name: Install Docker python module

pip:

name: docker

state: present

- name: download and launch a docker web container

docker\_container:

name: dvwa

image: cyberxsecurity/dvwa

state: started

published\_ports: 80:80

Install-elk.yml

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- name: Configure Elk VM with Docker

hosts: elkservers

remote\_user: elk

become: true

tasks:

- name: Install docker.io

apt:

force\_apt\_get: yes

name: docker.io

state: present

- name: Install pip

apt:

force\_apt\_get: yes

name: python-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: download and launch a docker elk container

docker\_container:

name: elk

image: sebp/elk

state: started

published\_ports:

- 5601:5601

- 9200:9200

- 5044:5044

Filebeat-playbook.yml

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- name: Installing and Launch Filebeat

hosts: webservers

become: yes

tasks:

- name: Download filebeat .deb file

command: curl -L -O https://artifacts.elastic.co/downloads/beats/filebeat/filebeat-7.4.0-amd64.deb

- name: Install filebeat .deb

command: dpkg -i filebeat-7.4.0-amd64.deb

- name: Drop in filebeat.yml

copy:

src: ./filebeat.yml

dest: /etc/filebeat/filebeat.yml

- name: Enable and Configure System Module

command: filebeat modules enable system

- name: Setup filebeat

command: filebeat setup

- name: Start filebeat service

command: service filebeat start