**8. ansible docker portainer deploy**

**Deploy portainer**

--- cat portainer-deploy.yml

  - name: Deploy Test portainer

    hosts: docker\_master

    become: yes

    become\_user: root

    tasks:

      - name: remove portainer service if it is present.

        shell: |

          docker service rm portainer\_agent

          docker service rm portainer\_portainer

        ignore\_errors: yes

      - name: deploy portainer.

        shell: |

          cd /opt

          curl -L https://downloads.portainer.io/portainer-agent-stack.yml -o portainer-agent-stack.yml

          docker stack deploy -c portainer-agent-stack.yml portainer

        ignore\_errors: yes

    tags:

     - managers

**# Execute the playbook**

--- ansible-playbook -i docker-swarm-inventory portianer-deploy.yml --extra-vars "ansible\_sudo\_pass=ansadmin"

**Remove portainer**

--- cat portainer-remove.yml

  - name: Deploy Test portainer

    hosts: docker\_master

    become: yes

    become\_user: root

    tasks:

      - name: remove portainer service if it is present.

        shell: |

          docker service rm portainer\_agent

          docker service rm portainer\_portainer

    tags:

     - managers

**# Execute the playbook**

--- ansible-playbook -i docker-swarm-inventory portainer-remove.yml --extra-vars "ansible\_sudo\_pass=ansadmin"