Prácticas ANSIBLE

Comandos ad-hoc

1. Probar comandos ad-hoc

- Con el módulo "command" averigua los sistemas de ficheros de la máquina tomcat1 (comando df).

- Recupera la memoria libre de todos los rocky. (comando free)

- Averiguar en la maquina "debian1" con el módulo "Shell" aquellos usuarios que tengan la Shell "bash" como entrada (en el fichero passwd)

- Copiar el fichero /etc/netconfig al directorio /tmp de la maquina ubuntu1

- Instalar GIT en la máquina "mysql1" . Es un debian, hay que usar APT

- Parar y arrancar Apache en los debian. El servicio se llama apache2

2. SOLUCIÓN

- Con el módulo "command" averigua los sistemas de ficheros de la máquina tomcat1 (comando df).

---

ansible -i maquinas tomcat1 -m command -a 'df -h'

tomcat1 | CHANGED | rc=0 >>

Filesystem   Size Used Avail Use% Mounted on

overlay   983G 26G 908G 3% /

tmpfs   64M   0   64M 0% /dev

shm   64M   0   64M 0% /dev/shm

/dev/sda3   983G 26G 908G 3% /etc/hosts

tmpfs   1.7G 52K 1.7G 1% /run

tmpfs   5.0M   0   5.0M 0% /run/lock

tmpfs   849M   0   849M 0% /run/user/0

- Recupera la memoria libre de todos los rocky. (comando free)

---

ansible -i maquinas rocky* -m command -a 'free'

rocky1 | CHANGED | rc=0 >>

           total   used   free   shared buff/cache available

Mem: 8684332   5352848   563712   117432   3207736   3331484

Swap: 2097148   295964   1801184

rocky2 | CHANGED | rc=0 >>

           total   used   free   shared buff/cache available

Mem: 8684332   5352848   563712   117432   3207736   3331484

Swap: 2097148   295964   1801184

- Averiguar en la maquina "debian1" con el módulo "Shell" aquellos usuarios que tengan la Shell "bash" como entrada (en el fichero passwd)

---

ansible -i maquinas debian1 -m shell -a 'cat /etc/passwd | grep bash'

debian1 | CHANGED | rc=0 >>

root:x:0:0:root:/root:/bin/bash

```
ansible:x:1000:1000:,,,:/home/ansible:/bin/bash
```

- Copiar el fichero /etc/netconfig al directorio /tmp de la maquina ubuntu1

```
ansible -i maquinas ubuntu1 -m copy -a 'src=/etc/netconfig
dest=/tmp/netconfig'

ubuntu1 | CHANGED => {

    "ansible_facts": {

        "discovered_interpreter_python": "/usr/bin/python3"

    },

    "changed": true,

    "checksum": "36852ec5ce61da5aebd8f23ecd2f17434f457367",

    "dest": "/tmp/netconfig",

    "gid": 0,

    "group": "root",

    "md5sum": "ca8db53e3af4d735335c2607d21c7195",

    "mode": "0644",

    "owner": "root",

    "size": 767,

    "src": "/root/.ansible/tmp/ansible-tmp-1682582927.9654453-274805-
86634550244583/source",

    "state": "file",

    "uid": 0

}
```

- Instalar GIT en la máquina "mysql1" . Es un debian, hay que usar APT

```
nsible -i maquinas mysql1 -m apt -a  'name=git state=present'

mysql1 | CHANGED => {

    "ansible_facts": {

        "discovered_interpreter_python": "/usr/bin/python3"

    },

    "cache_update_time": 1677942729,
```

"cache_updated": false,

"changed": true,

"stderr": "debconf: delaying package configuration, since apt-utils is not installed\n",

"stderr_lines": [

"debconf: delaying package configuration, since apt-utils is not installed"

],

"stdout": "Reading package lists...\nBuilding dependency tree...\nReading state information...\nThe following additional packages will be installed:\n git-man less libcurl3-gnutls liberror-perl\nSuggested packages:\n gettext-base git-daemon-run | git-daemon-sysvinit git-doc git-el git-email\n git-gui gitk gitweb git-cvs git-mediawiki git-svn\nThe following NEW packages will be installed:\n git git-man less libcurl3-gnutls liberror-perl\n

- Parar y arrancar Apache en los debian. El servicio se llama apache2

```
ansible -i maquinas debian* -m service -a  'name=apache2 state=stopped'

debian1 | CHANGED => {

  "ansible_facts": {

    "discovered_interpreter_python": "/usr/bin/python3"

  },

  "changed": true,

  "name": "apache2",

  "state": "stopped",

….

….




ansible -i maquinas debian* -m service -a  'name=apache2 state=started'

debian1 | CHANGED => {

  "ansible_facts": {

    "discovered_interpreter_python": "/usr/bin/python3"

  },
```

"changed": true,

"name": "apache2",

"state": "started",

....

…