AD-HOC ANSIBLE and Setting up ANSIBLE

Tuesday, June 21, 2022   1:37 PM

INVENTORY FILE

```
menz ansible_host=192.168.29.128

~
~
~
~
~
~
~
~
~
```

Creating a user in another server using ADHO

```
[root@localhost ansible]# ansible -i inventory menz -m user  -a "name=ansible-test2 create_home=yes" -u menz -b -k -K
SSH password:

BECOME password[defaults to SSH password]:
menz | CHANGED => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python"
    },
    "changed": true,
    "comment": "",
    "create_home": true,
    "group": 1005,
    "home": "/home/ansible-test2",
    "name": "ansible-test2",
    "shell": "/bin/bash",
    "state": "present",
    "system": false,
    "uid": 1004
}
```

USING Ansible to change password of created user as root
NOTE: ECHO password | PASSWD --STDIN ussername

```
[root@localhost ansible]# ansible -i inventory menz -m shell -a  "echo password | passwd --stdin ansible" -u root -k
SSH password:
menz | CHANGED | rc=0 >>
Changing password for user ansible.
passwd: all authentication tokens updated successfully.
```

This verifies that, user ansible is created sucessfully

```
[root@localhost ansible]# ansible -i inventory all -m command -a "id" -u ansible
menz | CHANGED | rc=0 >>
uid=1002(ansible) gid=1003(ansible) groups=1003(ansible) context=unconfined_u:unconfined_r:unconfined_t:s0-s0:c0.c1023
[root@localhost ansible]#
```

PREV ESC

```
[root@localhost ansible]# echo "ansible ALL=(ALL) NOPASSWD: ALL" >/tmp/sudoers
[root@localhost ansible]# cp /tmp/sudoers /etc/sudoers.d/ansible
[root@localhost ansible]# ls -l /root/
total 4
-rw-------. 1 root root 1452 Jun 20 01:23 anaconda-ks.cfg
drwxr-xr-x. 2 root root   23 Jun 21 04:40 ansible
```

Copying sudoers file to the manged host by ansible

 ansible menz -i inventory -u root -k -m copy -a "src=/tmp/sudoers dest=/etc/sudoers.d/ansible"

```
[root@localhost ansible]# ansible menz -i inventory -u root -k -m copy -a "src=/tmp/sudoers dest=/etc/sudoers.d/ansible"
SSH password:
menz | CHANGED => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/bin/python"
    },
    "changed": true,
    "checksum": "0b3889ee1330f83d148f9373f5faf72ba84e56ef",
    "dest": "/etc/sudoers.d/ansible",
    "gid": 0,
    "group": "root",
    "md5sum": "de6e5026aba3afdff1ae636cccecb77a",
    "mode": "0644",
    "owner": "root",
    "secontext": "system_u:object_r:etc_t:s0",
    "size": 33,
    "src": "/root/.ansible/tmp/ansible-tmp-1655803732.71-49369-144153804468734/source",
    "state": "file",
    "uid": 0
```

ansible -i inventory all -m command -a "ls -l /root" -b

```
[ansible@localhost tmp]$ ansible -i inventory all -m command -a "ls -l /root" -b
menz | CHANGED | rc=0 >>
total 20
-rw-------. 1 root root  1429 Jun  9 14:07 anaconda-ks.cfg
-rw-r--r--. 1 root root    54 Jun 15 16:09 tmux-client-37902.log
-rw-r--r--. 1 root root 10591 Jun 15 16:09 tmux-server-37904.log
```

IN MANAGED HOST.

```
[ansible@milan tmp]$ sudo ls -l /root/
total 20
-rw-------. 1 root root  1429 Jun  9 14:07 anaconda-ks.cfg
-rw-r--r--. 1 root root    54 Jun 15 16:09 tmux-client-37902.log
-rw-r--r--. 1 root root 10591 Jun 15 16:09 tmux-server-37904.log
[ansible@milan tmp]$ sudo -l
Matching Defaults entries for ansible on milan:
    !visiblepw, always_set_home, match_group_by_gid, always_query_group_plugin, env_reset, env_keep="COLORS DISPLAY
    HOSTNAME HISTSIZE KDEDIR LS_COLORS", env_keep+="MAIL PS1 PS2 QTDIR USERNAME LANG LC_ADDRESS LC_CTYPE",
    env_keep+="LC_COLLATE LC_IDENTIFICATION LC_MEASUREMENT LC_MESSAGES", env_keep+="LC_MONETARY LC_NAME LC_NUMERIC
    LC_PAPER LC_TELEPHONE", env_keep+="LC_TIME LC_ALL LANGUAGE LINGUAS _XKB_CHARSET XAUTHORITY",
    secure_path=/sbin\:/bin\:/usr/sbin\:/usr/bin

User ansible may run the following commands on milan:
    (ALL) NOPASSWD: ALL
```