1. Verify that your ansible installation is available by displaying the version of ansible while logged in as the 'user' user.

[test@tcox3 ~]$ ansible --version

ansible 1.9.2

  configured module search path = None

2. Run the ansible command that lists all of the hosts configured in your control server 'hosts' file for the system.

[test@tcox3 ~]$ ansible all --list-hosts

    tcox5.mylabserver.com

    localhost

    tcox4.mylabserver.com

3. Create a playbook, using the 'acl' module that accomplishes the following:

- Uses SSH

- Logs in to the remote system as 'test' user

- Connects to all the hosts from Step #2 above

- The playbook runs as 'sudo'

- Skip gathering remote facts

- Sets user ACL characteristics on a remote file such that for the user called 'user', they have 'read/write' permissions on a file they would otherwise not have

- Register the results of that command into a variable and use the 'debug' module to display the JSON formatted output of the ACL module changes

[test@tcox3 Playbooks]$ vim acl.yml

[test@tcox3 Playbooks]$ cat acl.yml

--- # ACL MODULE EXAMPLE

- hosts: apacheweb

  user: test

  sudo: yes

  connection: ssh

  gather\_facts: no

  tasks:

    - name: Get ACL Information on the /etc/test.acl.txt remote file

      acl: name=/etc/test.acl.txt entity=test etype=user permissions="rw" state=absent

      register: aclinfo

    - debug: var=aclinfo

4. Run the playbook and display the results.

[test@tcox3 Playbooks]$ ansible-playbook acl.yml

PLAY [apacheweb] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

TASK: [Get ACL Information on the /etc/test.acl.txt remote file] \*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [tcox4.mylabserver.com]

TASK: [debug var=aclinfo] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [tcox4.mylabserver.com] => {

    "var": {

        "aclinfo": {

            "acl": [

                "user::rw-",

                "user:test:rw-",

                "group::r--",

                "mask::rw-",

                "other::r--"

            ],

            "changed": true,

            "invocation": {

                "module\_args": "name=/etc/test.acl.txt entity=test etype=user permissions=\"rw\" state=present",

                "module\_name": "acl"

            },

            "msg": "user:test:rw- is present"

        }

    }

}

PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

tcox4.mylabserver.com      : ok=2    changed=1    unreachable=0    failed=0