Vault :

Ansible allow keeping sensitive data such as passwords or key in encrypted files with the help of vaults...these yaml files can only be accessed via password

```
[ansible@ip-172-31-17-137 ~]$ ansible-vault create akshat.yml
```

It will ask you to put some password...whatever pass you want to put ..put it there and when you type it will not be visible

```
---
- hosts: demo
  user: ansible
  become: yes
  connection: ssh
~
~
~
```

- hosts: demo

  user: ansible

  become: yes

  connection: ssh

```
[ansible@ip-172-31-17-137 ~]$ ls
akshat.yml  index.html  target.yml
[ansible@ip-172-31-17-137 ~]$
```

```
.yml
$ vi akshat.yml
```

```
$ANSIBLE_VAULT;1.1;AES256
383634653934323038343537363632323634626438353638383162613266363835343034363663533
613464316436373631373130613336343763373030316164380a626232326463346165386133643036
616264383164396130636238316566353365633932336335346133636346332376239663464393933
383664646434323466660a66353536313036666532343833373136356637336533376162346133961
653932366630623234356638353530363334306265636161616133333431386362666623566663761
666239643135333343637653830623937363535361373530396231363034626646436373637306362
623630653333461323565616235613835623032666333616134636434313435623636326331376239
65303232396665373165
~
~
~
```

Encrypted file will open in front of us

But lets say I want to edit this yaml file…how can I edit this file?

```
ansible-vault edit akshat.yml
```

It will ask for pass ..put the pass

```
---
- hosts: demo
  user: ansible
  become: yes
  connection: ssh
~
~
~
```

to change the pass of the vault

```
ansible-vault rekey akshat.yml
```

```
[ansible@ip-172-31-17-137 ~]$ ansible-vault rekey akshat.yml
Vault password:
New Vault password:
Confirm New Vault password:
Rekey successful
```

execute the yaml file in vault

```
Rekey successful
[ansible@ip-172-31-17-137 ~]$ ansible-playbook akshat.yml
ERROR! Attempting to decrypt but no vault secrets found
[ansible@ip-172-31-17-137 ~]$
```

```
ansible-playbook akshat.yml --ask-vault-pass
```

```
[ansible@ip-172-31-17-137 ~]$ ansible-playbook akshat.yml --ask-vault-pass
Vault password:

PLAY [demo] ************************************************************************

TASK [Gathering Facts] ************************************************************
[WARNING]: Platform linux on host 172.31.20.198 is using the discovered Python interpreter at /us
Python interpreter could change this. See https://docs.ansible.com/ansible/2.9/reference_appendic
information.
ok: [172.31.20.198]
[WARNING]: Platform linux on host 172.31.24.204 is using the discovered Python interpreter at /us
Python interpreter could change this. See https://docs.ansible.com/ansible/2.9/reference_appendic
information.
ok: [172.31.24.204]
```

This is how the vault works