

Ansible Vault

1. Creating new encrypted files

To create new encrypted files with vault use the ansible-vault create command.

```
$ ansible-vault create vault_demo.yml
```

The above command will prompt for the vault password for encryption. Enter the same password two times. Then Copy content from [LINK](#) into the vault_demo.yml file.

Ansible will encrypt the contents when you close the file. Instead of seeing the actual contents you will see encrypted blocks.

```
$ cat vault_demo.yml
```

2. Encrypt Existing Playbook file

To encrypt an existing yml file use the following (Use any playbook which we created earlier) Example I have used filepath_check.yml

```
$ ansible-vault encrypt filepath_check.yml
```

The above command will prompt for the new vault password for encryption. Enter the password two times.

3. Viewing encrypted file

Use the command ansible-vault view to look at the actual contents of the file.

```
$ ansible-vault view vault_demo.yml
```

You will be asked for the password again to look at the contents of the file. Enter the password which was set in step 1.

4. Editing encrypted files

If you need to edit the file use the command ansible-vault edit

```
$ ansible-vault edit vault_demo.yml
```

To edit the file enter the password which was set in step 1.

5. Changing password of the encrypted files

Use the command `ansible-vault rekey` to change the password of the file.

```
$ ansible-vault rekey vault_demo.yml
```

The above command will prompt for the vault password for encryption. Enter the new password two times.

6. Run an encrypted Ansible playbook file

Use the option `--ask-vault-pass` with the `ansible-playbook` command.

```
$ ansible-playbook vault_demo.yml --ask-vault-pass
```

Enter the new password which was set in step 5.

7. Manually decrypting the encrypted files

Use the command `ansible-vault decrypt` command.

```
$ ansible-vault decrypt vault_demo.yml
```

Enter the new password which was set in step 5. The playbook `vault_demo.yml` can be viewed normally.

```
$ cat vault_demo.yml
```