**ANSIBLE VALUT**

**IT IS A FEATURE OF ANSIBLE THAT ALLOW SENSITIVE DATA SUCHA AS KEYS PASSWORDS IN TO ENCRYPTED FORMAT**

**MAIN FEATURES TO CREATE VALUT**

1. **CREATING VAULT FILE**
2. **CONVERT EXIST FILE INTO VALUT**
3. **VIEW THE VAULT FILE**
4. **EDIT THE ENCRYPTED FILE**
5. **DECRYPTED VAULT FILE**
6. **CHANGE VAULT PASSWORD’**
7. **HOW USE VAULT FOT SENSITIVE DATA**

**EC2-USER**

**CONNECT SERVER THROUGH PUTTY**

**Text, application

Description automatically generated with medium confidence**

**SUDO -I**

**HOSTNAME ANSIBLE**

**Exec bash**

**Sudo -i**

**Cd /etc/**

**ls**

**Cd ansible/**

**ls**

**To create a new file encrypted with Vault, use the ansible-vault create command. Pass in the name of the file you wish to create.**

**ansible-vault create devops.txt (creating valut file)**

**password 123345 (creating password)**

**conf pass 12345**

**Text

Description automatically generated**

**Ansible will encrypt the contents when you close the file**

**cat devops.txt**

**ls**

**cat httd.yml (existing file name)**

**ls**

**ansible-vault encrpt httpd.yml (Converting existing file to vaultfile)**

**new pass 123456**

**conf pass 123456**

**cat httd.yml ( it will show encrypted file format)**

**Text

Description automatically generated**

**Sometimes, you may need to reference the contents of a vault-encrypted file without needing to edit it or write it to the filesystem unencrypted. The ansible-vault view command feeds the contents of a file to standard out**

**ansible-vault view httpd.tml**

**pass 123456 (it will show the data from the file)**

**Text

Description automatically generated**

**When you need to edit an encrypted file, use the ansible-vault edit command**

**ansible-vault edit httd.yml (editing existing file)**

**pass:123456**

**editing the play book**

**Text

Description automatically generated**

**---**

**If you need to change the password of an encrypted file, use the ansible-vault rekey command**

**ansible-vault rekey httd.yml**

**oldpass:123456 }to change the password**

**new pass 56789**

****

**cat httpd.yml**

**encrypted format appears**

**ansible-vault decrpt httpd.yml (Where we are decrypting the file)**

**pass 56789**

**ls**

**cat httpd.yml**