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

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