Ansible Vault and Ansible Tower

By – **Yathish Nagaraj**
Infra Dev Specialist
Automation PS Team

Ansible Vault

- A typical use of Ansible Vault is to encrypt variable files. Vault can encrypt any YAML file.

- Ansible Vault uses AES-256 bit encryption technology.

- All credentials and sensitive informations can be stored in Ansible Password Vault.

Implementation

Generate a strong 64 character password and save it as a hidden/dot (.password) file.

Set the value of "vault_password_file" to the path of the password file in ansible.cfg file.
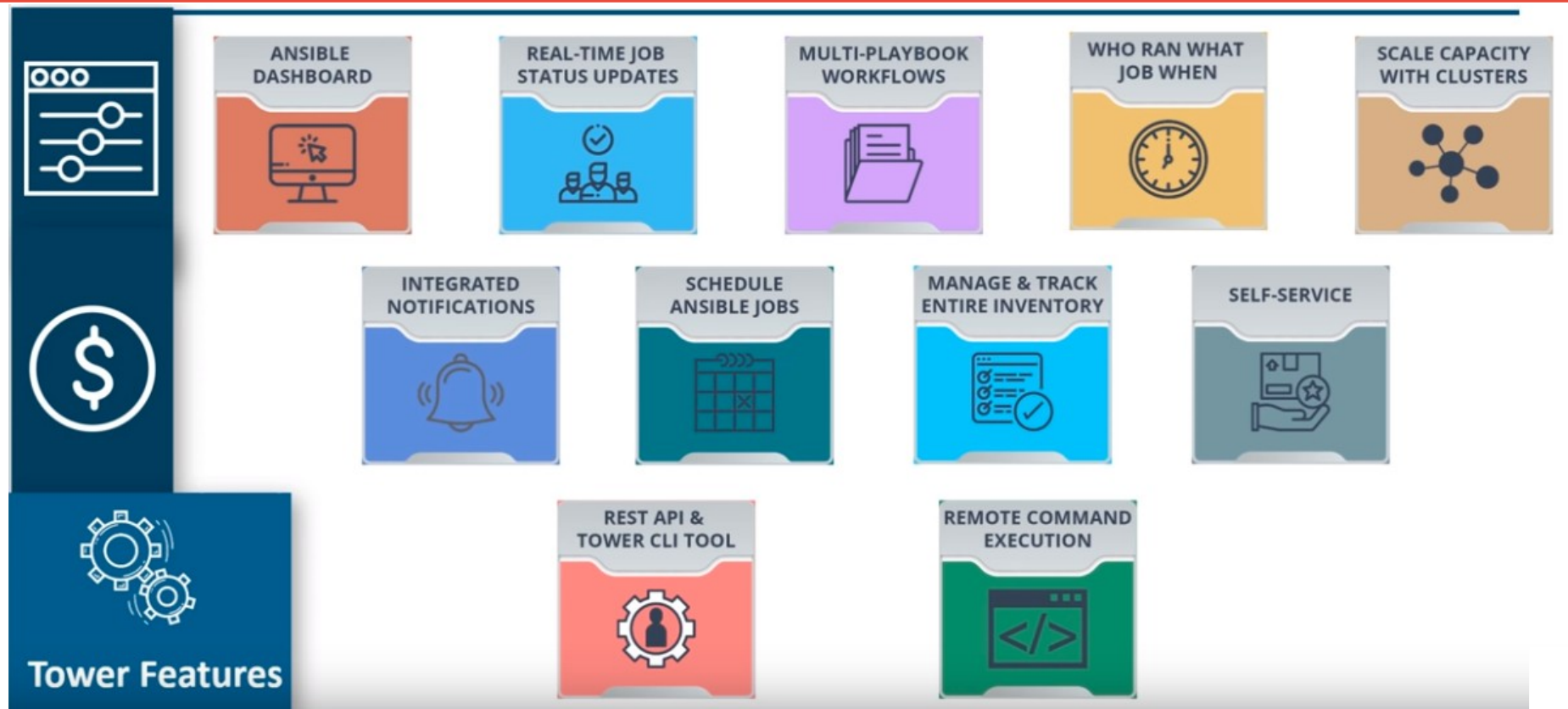
Execute the following command to create a ansible vault file.

→ansible-vault create <file_name>

To edit the ansible vault file, execute the following:

→ ansible-vault edit <file_name>

Ansible Tower

Install latest Ansible

Configure the EPEL repository and any others needed.

root@localhost:~$ yum install http://download.fedoraproject.org/pub/epel/7/x86_64/e/epel-release-7-5.noarch.rpm

Install Ansible on Red Hat Enterprise Linux and CentOS (version 6 or later):

root@localhost:~$ yum install ansible

Download the Tower Installation Program

To download the latest version of Tower directly
(note, you must also obtain a license before using this),
visit: http://releases.ansible.com/awx/setup/ansible-tower-setup-latest.tar.gz

```
root@localhost:~$ tar xvzf ansible-tower-setup-latest.tar.gz
root@localhost:~$ cd ansible-tower-setup-VERSION
```