Installation et configuration de Salt-cloud

1 - Téléchargement des dépendances

```
apt install curl python python-pyvmomi-doc -y
```

```
curl -fsSL -o /usr/share/keyrings/salt-archive-keyring.gpg
https://repo.saltproject.io/py3/debian/11/amd64/3004/salt-archive-keyrin
g.gpg

 echo "deb [signed-by=/usr/share/keyrings/salt-archive-keyring.gpg
arch=amd64] https://repo.saltproject.io/py3/debian/11/amd64/3004
bullseye main" | sudo tee /etc/apt/sources.list.d/salt.list
```

2 - Installation

```
apt install salt-master salt-api salt-ssh salt-cloud -y
```

3 - Configuration d'un provider

Création du fichier de configuration `/etc/salt/cloud.providers.d/<NomProvider>.conf` :

```
<NomProvider>:
  driver: <NomProvider>
  user: '<Utilisateur>'
  password: '<MotDePasse>'
  url: '<@IPServeur>'
  protocol: 'https'
  port: '443'
  verify_ssl: False
```

Test de la connexion au serveur (provider)

```
salt-cloud -f test_vcenter_connection <NomProvider>
```

4 - Configuration d'un profile

Création du fichier de configuration `/etc/salt/cloud.profiles.d/<OS>-profile.conf`

```
<OS>-profile:
  provider: <NomProvider>
  datastore: <Emplacement>
  clonefrom: <NomDeLaVMTemplate>

  num_cpu: <NbCPU>
  memory: <NbRAM>GB

  image: <OS>_64Guest

  devices:
      scsi:
      SCSI controller 0:
      type: lsilogic_sas
      ide:
      IDE 0: {}
      IDE 1: {}

  resourcepool: Resources
  cluster: <NomCluster>

  deploy: True
  customization: True
  ssh_username: <Utilisateur>
  password: <Mdp>
  minion:
      master: <@IP_Master>
```

Déploiement de la VM

```
salt-cloud -p <OS>-profile <NomVM1> <NomVM2>
```