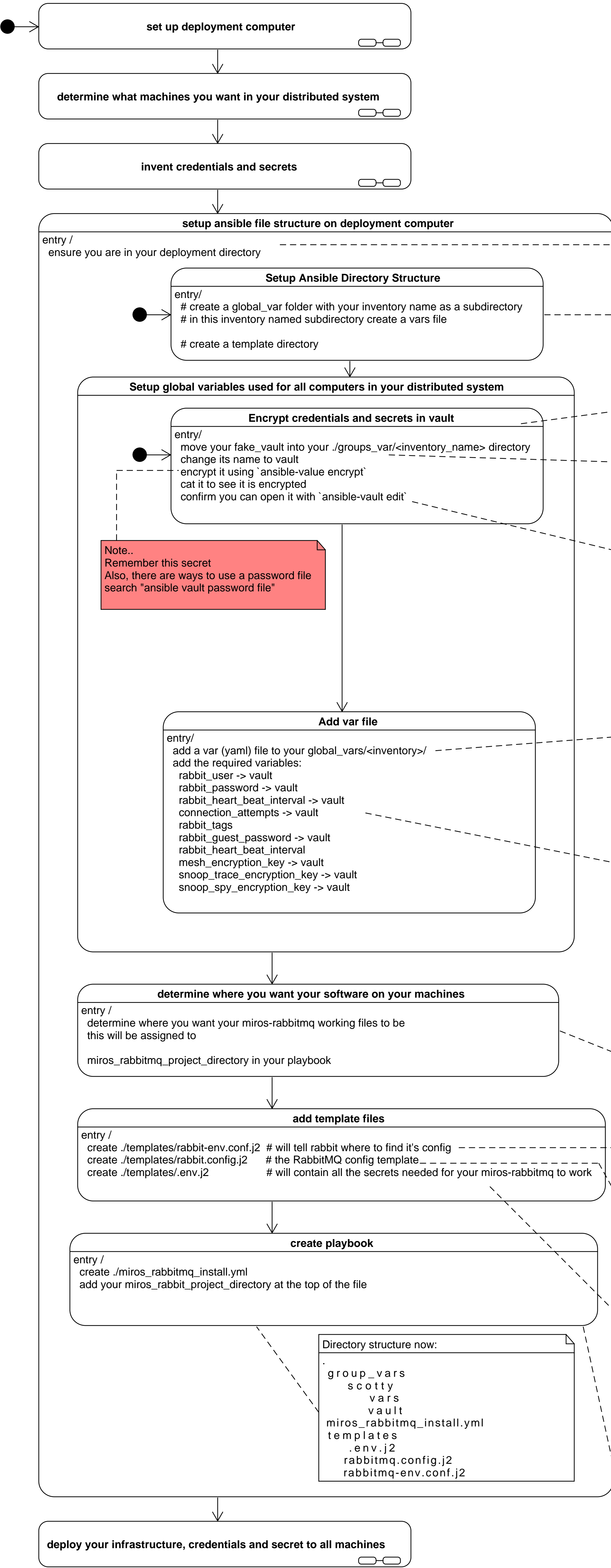


WORKFLOW



EXAMPLES

example:

```
$ cd ~/miros_rabbitmq_deployment
```

example

```
mkdir group_vars
mkdir ./group_vars/scotty
touch ./group_vars/scotty/var
mkdir templates
---
```

Directory structure now

```
.
group_vars
scotty
vars
vault
templates
```

example:

```
$ mv fake_vault ./global_vars/scotty/vault
$ ansible-vault encrypt ./global_vars/scotty/vault
```

example:

```
$ cat ./global_vars/scotty/vault

$ANSIBLE_VAULT;1.1;AES256
34363736353133336561626464646437613...
```

Note.. If you see something like this you can add your vault to your revision control system

example:

```
$ ansible-vault edit ./global_vars/scotty/vault

---
vault_MESH_ENCRYPTION_KEY: 'u3Uc-qAi9iiCv3fkBfRUAKrM1gH8w51-nVU8M8A73Jg='
vault_SNOOP_TRACE_ENCRYPTION_KEY: 'u3Uc-qAi9iiCv3fkBfRUAKrM1gH8w51-nVU8M8A73Jg='
vault_SNOOP_SPY_ENCRYPTION_KEY: 'u3Uc-qAi9iiCv3fkBfRUAKrM1gH8w51-nVU8M8A73Jg='
vault_RABBIT_HEARTBEAT_INTERVAL: 3600
vault_CONNECTION_ATTEMPTS: 3
vault_RABBIT_USER: peter
vault_RABBIT_PASSWORD: rabbit
vault_RABBIT_PORT: 5672
vault_RABBIT_GUEST_PASSWORD: rabbit567
```

example:

```
$ touch ./global_vars/scotty/var
```

example vars file:

```
---
# public
python_packages_to_install:
- miros-rabbitmq
rabbit_tags:
- administrator

# secrets
rabbit_user: "{{ vault_RABBIT_USER }}"
rabbit_password: "{{ vault_RABBIT_PASSWORD }}"
rabbit_port: "{{ vault_RABBIT_PORT }}"
rabbit_heartbeat_interval: "{{ vault_RABBIT_HEARTBEAT_INTERVAL }}"
connection_attempts: "{{ vault_CONNECTION_ATTEMPTS }}"
rabbit_guest_password: "{{ vault_RABBIT_GUEST_PASSWORD }}"
mesh_encryption_key: "{{ vault_MESH_ENCRYPTION_KEY }}"
snoop_trace_encryption_key: "{{ vault_SNOOP_TRACE_ENCRYPTION_KEY }}"
snoop_spy_encryption_key: "{{ vault_SNOOP_SPY_ENCRYPTION_KEY }}"
rabbit_heart_beat_interval: "{{ vault_RABBIT_HEARTBEAT_INTERVAL }}"
```

Note.. this creates public variable names with secret contents

example:

```
miros_rabbitmq_project_directory: '~/miros-rabbitmq'
```

example ./templates/rabbit-env.conf.j2 file:

```
RABBITMQ_CONFIG_FILE=/etc/rabbitmq/rabbitmq
NODE_IP_ADDRESS=0.0.0.0
```

example ./templates/rabbit-config.j2 file:

```
{
  rabbit,
  [
    {loopback_users,[]}
  ]
}
```

example ./templates/.env.j2 file:

```
MESH_ENCRYPTION_KEY={{mesh_encryption_key}}
SNOOP_TRACE_ENCRYPTION_KEY={{snoop_trace_encryption_key}}
SNOOP_SPY_ENCRYPTION_KEY={{snoop_spy_encryption_key}}
RABBIT_USER={{rabbit_user}}
RABBIT_PASSWORD={{rabbit_password}}
RABBIT_PORT={{rabbit_port}}
RABBIT_HEARTBEAT_INTERVAL={{rabbit_heart_beat_interval}}
CONNECTION_ATTEMPTS={{connection_attempts}}
RABBIT_GUEST_USER={{rabbit_guest_user}}
```

example ./miros_rabbitmq_install.yml

```
---
- hosts: scotty
  vars:
    miros_rabbitmq_project_directory: '~/miros-rabbitmq'
  tasks:
    - name: Install rabbitmq-server
      become: true
      apt: name={{ item }} state=present update_cache=false
      with_items:
        - erlang
        - rabbitmq-server
    .
    .
    .
```

Directory structure now

```
.
group_vars
scotty
vars
vault
templates
.env.j2
rabbitmq.config.j2
rabbitmq-env.conf.j2
```