Lab 3. Creating pillars and grains

Creating a new grain in /etc/salt/minion

We'll make two grains one called 'roles' that has the following data:

roles:

  - webserver

  - dbserver

  - midwareserver

  - ldapserver

  - fileprintserver

and one called deploymentt

deployment:

  - datacenter1: London

  - datacenter2: New York

  - datacenter3: Bangalore

- datacenter4: Shanghai

Creating a new pillar in /srv/salt/pillar

We'll also create a pillar in /srv/salt/pillar that has the server names for both dev and qa environments.

Don't forget to create the top.sls file for the pillar.

The system_envs.sls file should look like this. Change the sid value to your student number.

{% set sid = 1 %}

dev_systems:

  - webserver-s{{ sid }}-dev

  - dbserver-s{{ sid }}-dev

  - midserver-s{{ sid }}-dev

```
qa_systems:

  - webserver-s{{ sid }}-qa

  - dbserver-s{{ sid }}-qa

- midserver-s{{ sid }}-qa
```

Run salt '*' saltutil.sync_all to synchronize the grains and pillars to the minions.

Now run salt '*' grains.ls and salt '*' pillars.items

to list the pillar and grain data.