

# 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 }}-001
- dbserver-s{{ sid }}-001
- midserver-s{{ sid }}-001

qa\_systems:

- webserver-s{{ sid }}-002
- dbserver-s{{ sid }}-002
- midserver-s{{ sid }}-002

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.