





# Layout

- Master node
- Minions
- Communication over Omq











# Remote execution

```
$ salt 'web*' cmd.run 'systemctl restart nginx'  
$ salt 'web*' service.restart nginx  
$ salt 'web*' service.restart nginx --batch=25%
```

# State & Configuration managemt

```
$ cat /srv/salt/base.sls
    add ales:
        user.present:
            - name: ales

$ cat /srv/salt/web.sls
    install nginx:
        pkg.installed:
            - name: nginx
    service.running:
        - name: nginx
        - enable: True

$ salt '*' state.apply base
$ salt 'web*' state.apply web
```

# State & Configuration managemt

```
$ cat /srv/salt/top.sls:  
    base:  
        '*':  
            - base  
        'web*':  
            - web  
  
$ salt '*' state.highstate`
```

# Orchestration

```
$ cat /srv/salt/orch/deploy.sls:  
deploy:  
    salt.state:  
        - tgt: "web*"  
        - highstate: True  
    salt.function:  
        - name: redis.flush  
        - tgt: "redis*"  
  
$ salt-run state.orchestrate orch.deploy
```







# Template

Jinja everything (with Pillar, Grains, in context)

```
$ cat /srv/salt/base.sls:  
  
{% for user in pillar.users %}  
    add {{ user }}:  
    user.present:  
        - name: ales  
{% endfor %}
```



























