



Puppet at Oxford



Kashif Mohammad

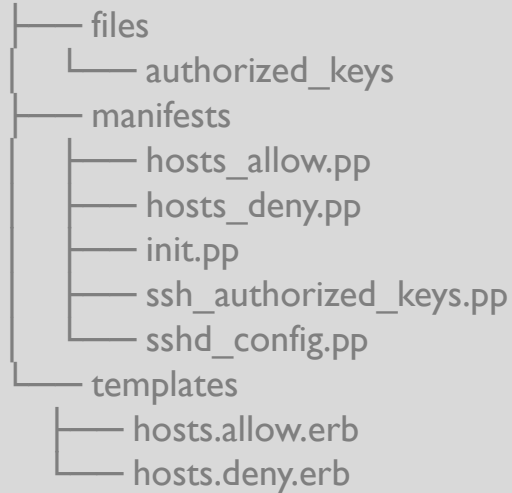
```
/etc/puppet/manifests
├── local_cluster.pp
├── nodes
│   ├── grid_service_nodes
│   │   ├── t2ce02.pp
│   │   └── t2ce07.pp
│   ├── grid_worker_test
│   │   ├── t2wn41.pp
│   │   ├── t2wn43.pp
│   │   └── t2wn47.pp
│   └── misc
│       ├── cblrtest.pp
│       └── t2ui03.pp
└── site.pp
```

```
Site.pp
import 'nodes/grid_service_nodes/*.pp'
import 'nodes/grid_worker_test/*.pp'
import 'nodes/misc/*.pp'
import 'local_cluster.pp'
node default {
  include common
  include ssh::ssh_authorized_keys
}
```

```
node t2wn47 {
  class { 'role::grid::grid_wn_test' : }
}
```



Ssh module



Profile



Grid.pp

```
class profile::ssh::grid {
  include ssh::ssh_authorized_keys
  class {'ssh' :
    sshd_parameters => ['PasswordAuthentication no',
'PermitEmptyPasswords yes',]
  }
  ssh::hosts_allow {'sshd' :
    sshd => 'sshd :',
    sshd_range => '163.1.5. 163.1.136.',
    nrpe => 'nrpe :',
    nrpe_range => '163.1.5.',
  }
  ssh::hosts_deny {'sshd' :
    sshd => 'sshd :',
    sshd_range => 'ALL',
    nrpe => 'nrpe :',
    nrpe_range => 'ALL',
  }
}
```



```
role/
├── files
├── manifests
│   ├── cloud
│   ├── grid
│   └── grid_wn_test.pp
├── init.pp
└── pp
```

```
class role::grid::grid_wn_test {
  include profile::ssh:grid
  class {'emi_repo' : repo => 'emi3' }
  class {'ssh::ssh_authorized_keys' : }
  class {'yum' :
    auto_update => 'false',
    security_update => 'true',
    ca_update => 'true' }
  class {'ganglia' :
    ganglia_server => 't2manage02.physics.ox.ac.uk',
    cluster_type => 'workers' }
  class {'grid_common' : }
  class {'yaim_conf' : }
  class {'yaim_conf::wn_site_info' : cluster => 'test', }
  class {'grid_worker' : torque_server => 't2ce02', }
  class {'grid_worker::software_area' : }
  class {'cvmfs' : }
}
```



Augeas

```
define sshd_config {  
  augeas { $name:  
    context => "/files/etc/ssh/sshd_config",  
    changes => "set $name ",  
  }  
}
```

```
class {'ssh':  
  sshd_parameters => ['PasswordAuthentication no',  
    'PermitEmptyPasswords yes',]  
}
```

```
class ssh ($sshd_parameters) {  
  $package_list = [ 'openssh', 'openssh-clients', 'openssh-server'  
  ]  
  package { $package_list:  
    ensure => installed,  
  }  
  sshd_config {$sshd_parameters:}
```

