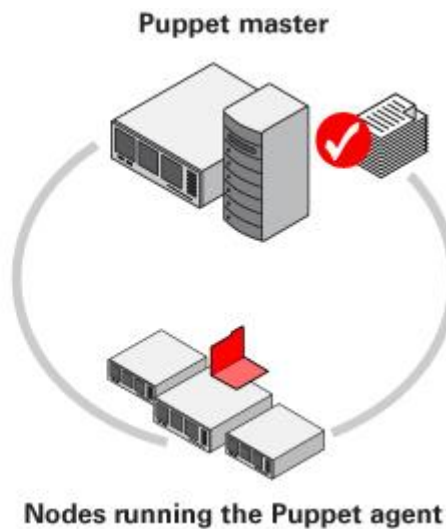
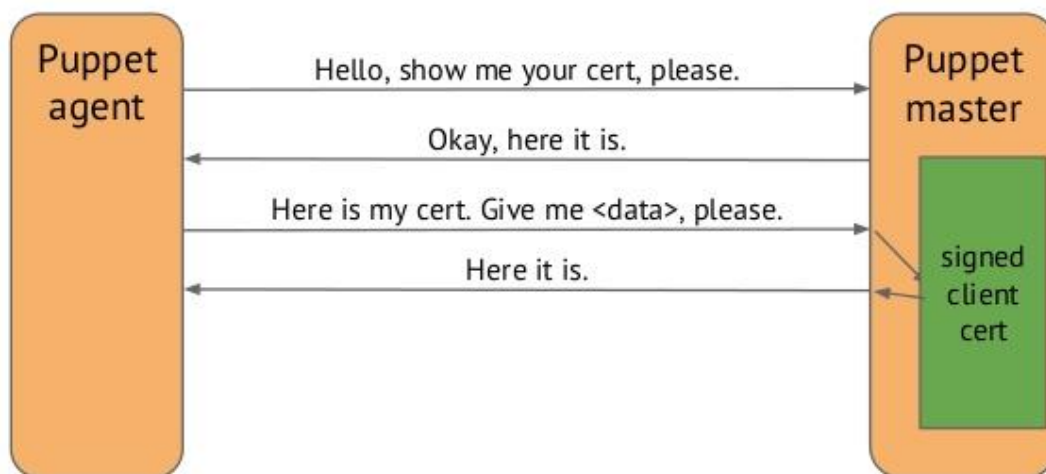


1. Node that is running the Puppet agent collects data about itself using facts
2. Agent sends facts to Puppet master
3. Master compiles a catalog based on data for how the node should be configured
4. Master sends catalog back to agent
5. Agent configures itself and reports back to master

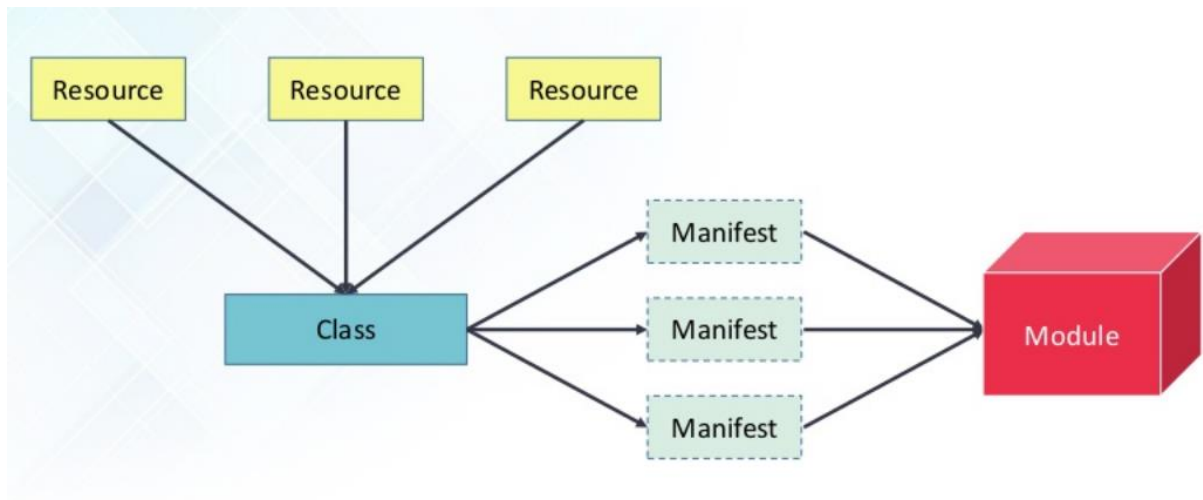


Puppet mechanics: SSL: the next handshakes



Further details are available at:

http://projects.Puppetlabs.com/projects/1/wiki/certificates_and_security



Resources are the fundamental unit for modelling system configurations . Each resource describes about a system like service or package

Syntax:

```
resource_type { 'resource name'
  attribute => value
}
```

Example:

```
file { '/etc/inetd.conf':
  ensure => '/etc/inet/inetd.conf',
}
```

Classes:

Groups of resources can be grouped into classes which are larger units of configuration.

Syntax:

```
class example_class {
  code
}
```

Puppet Programs are written using manifests. They are composed of puppet codes and file names uses .pp extension

Modules:

Modules are collection of manifests and data such as files , templates and facts which have a specific directory structure .This is useful for organizing puppet code by allowing you to split code into multiple manifests.

<https://docs.huihoo.com/puppet/references/2.6.3/metaparameter.html>