

Puppet

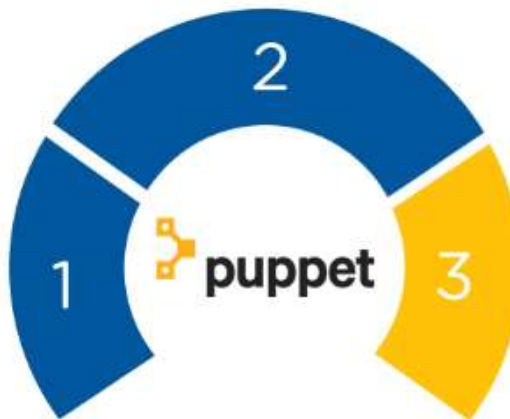
What is Puppet?



Puppet is also used as a deployment tool



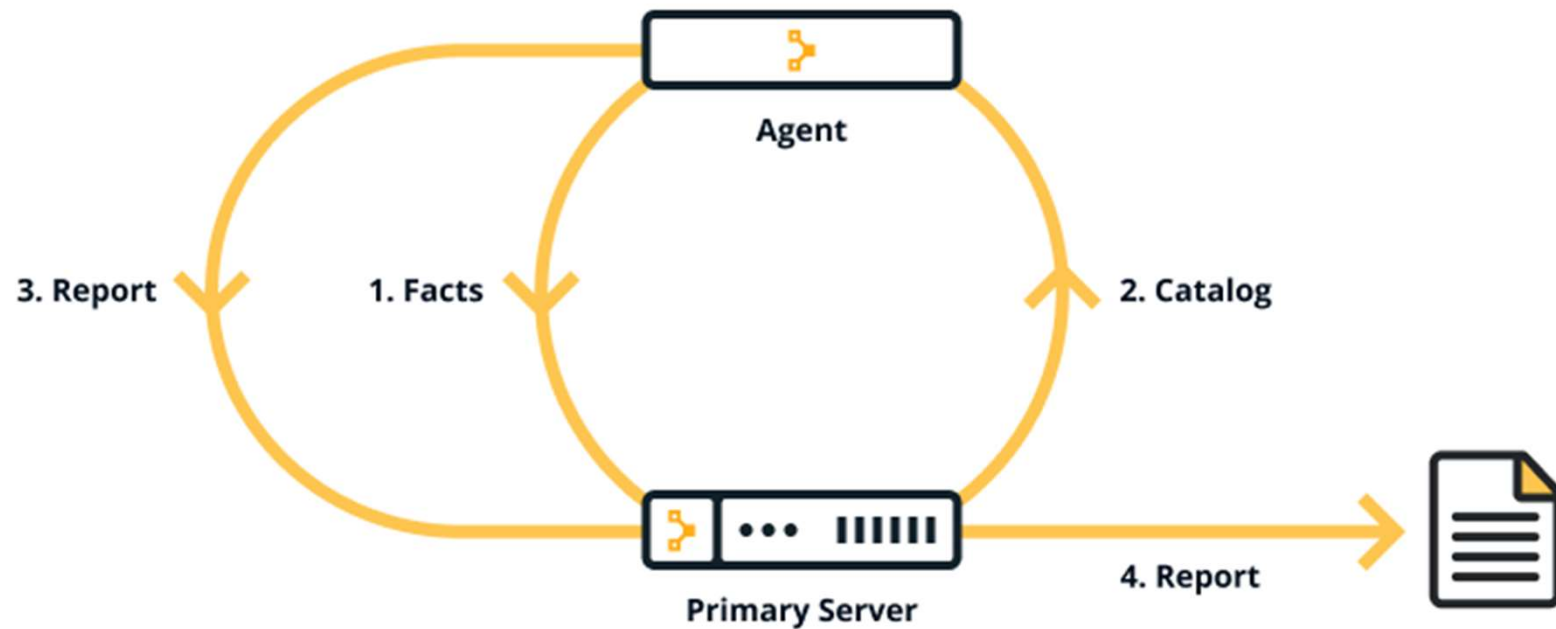
Puppet is a configuration management tool



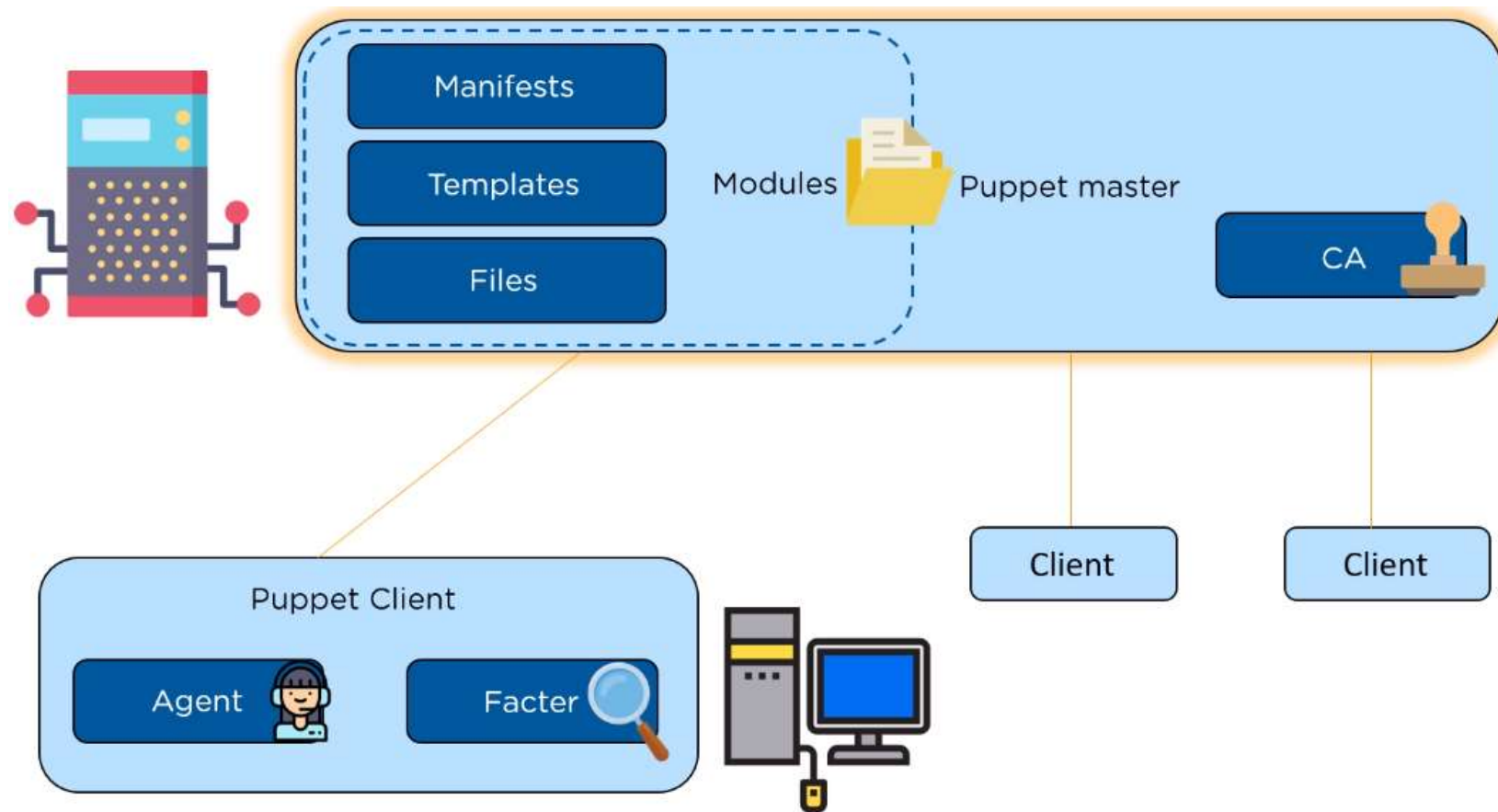
Puppet implements infrastructure as code



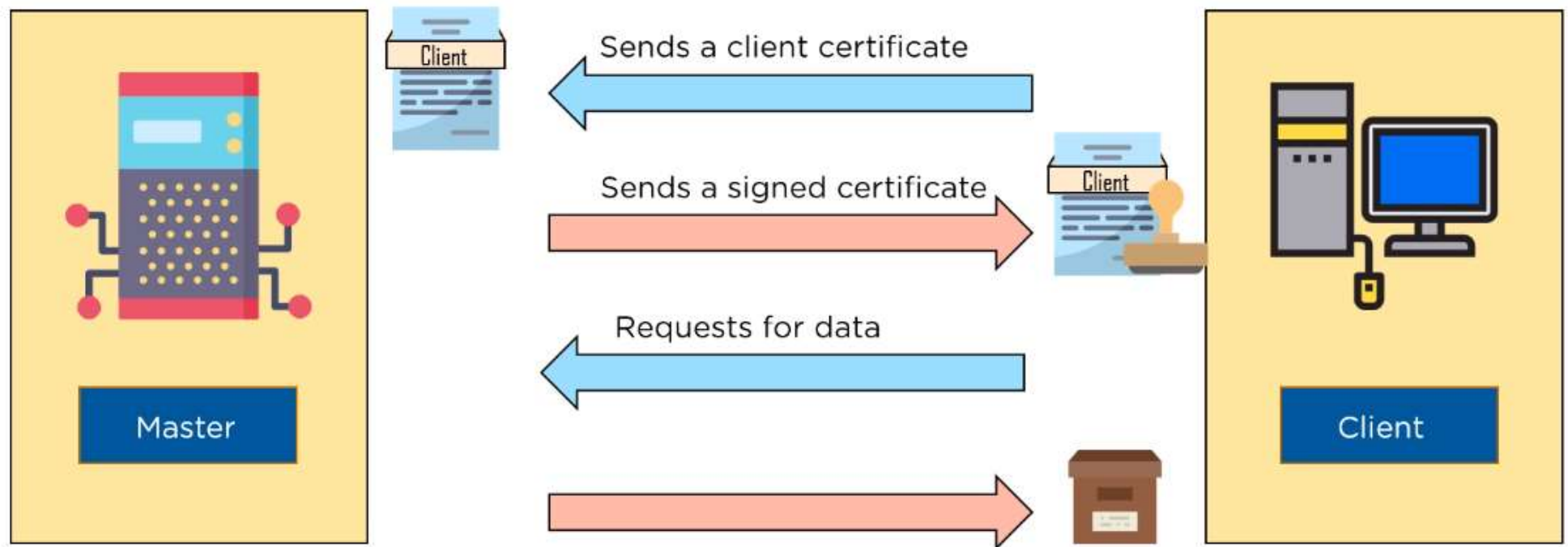
Puppet Architecture



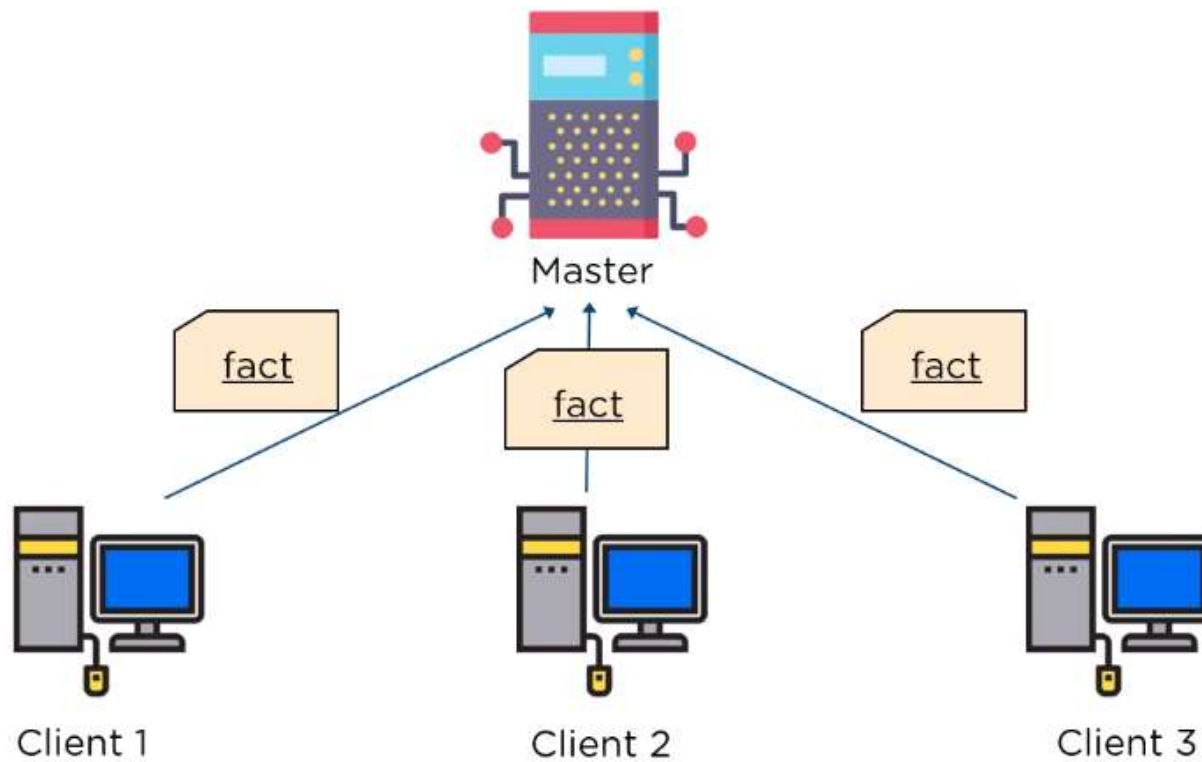
Puppet Architecture



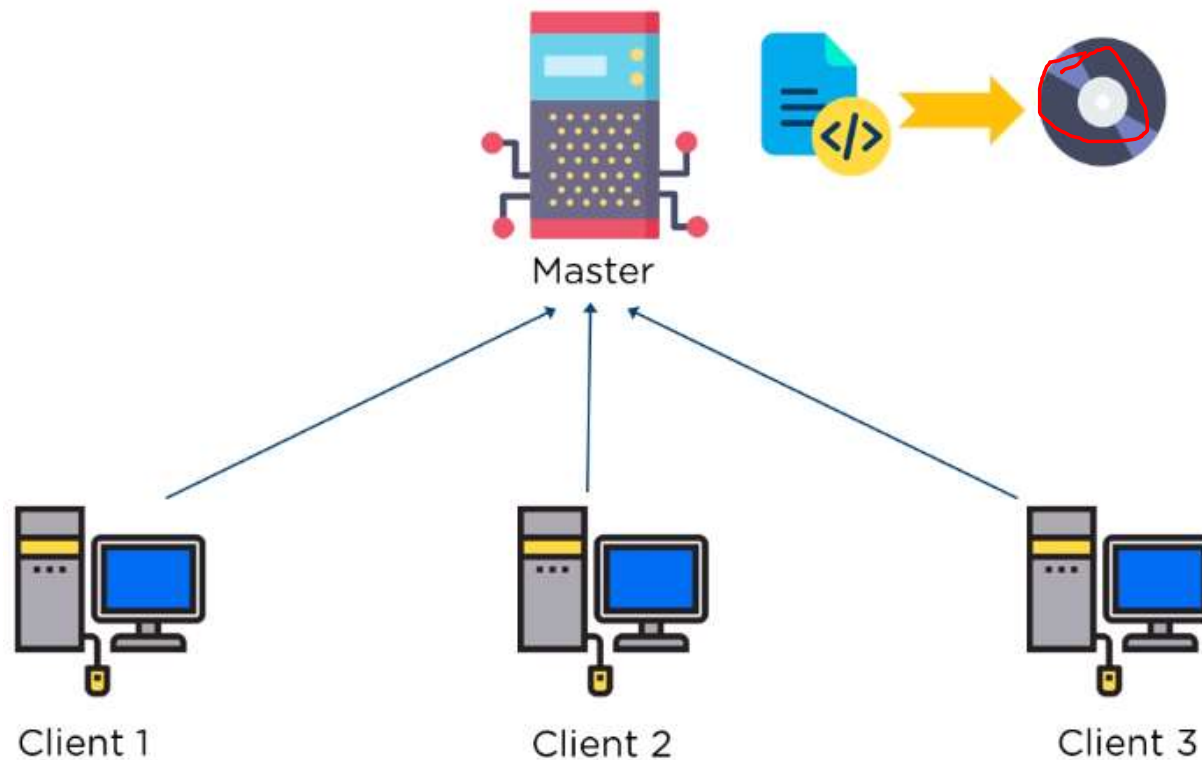
SSL Certification



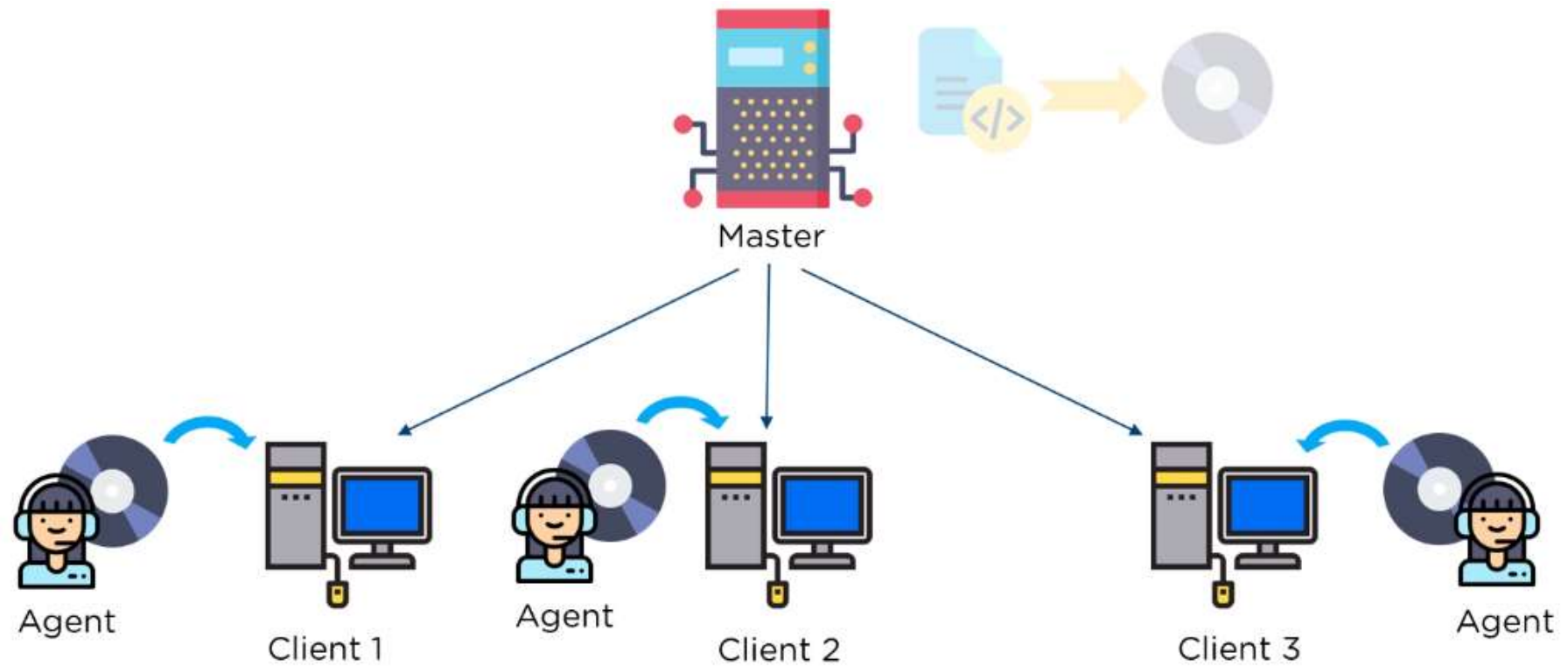
Factor sends state of the client to master



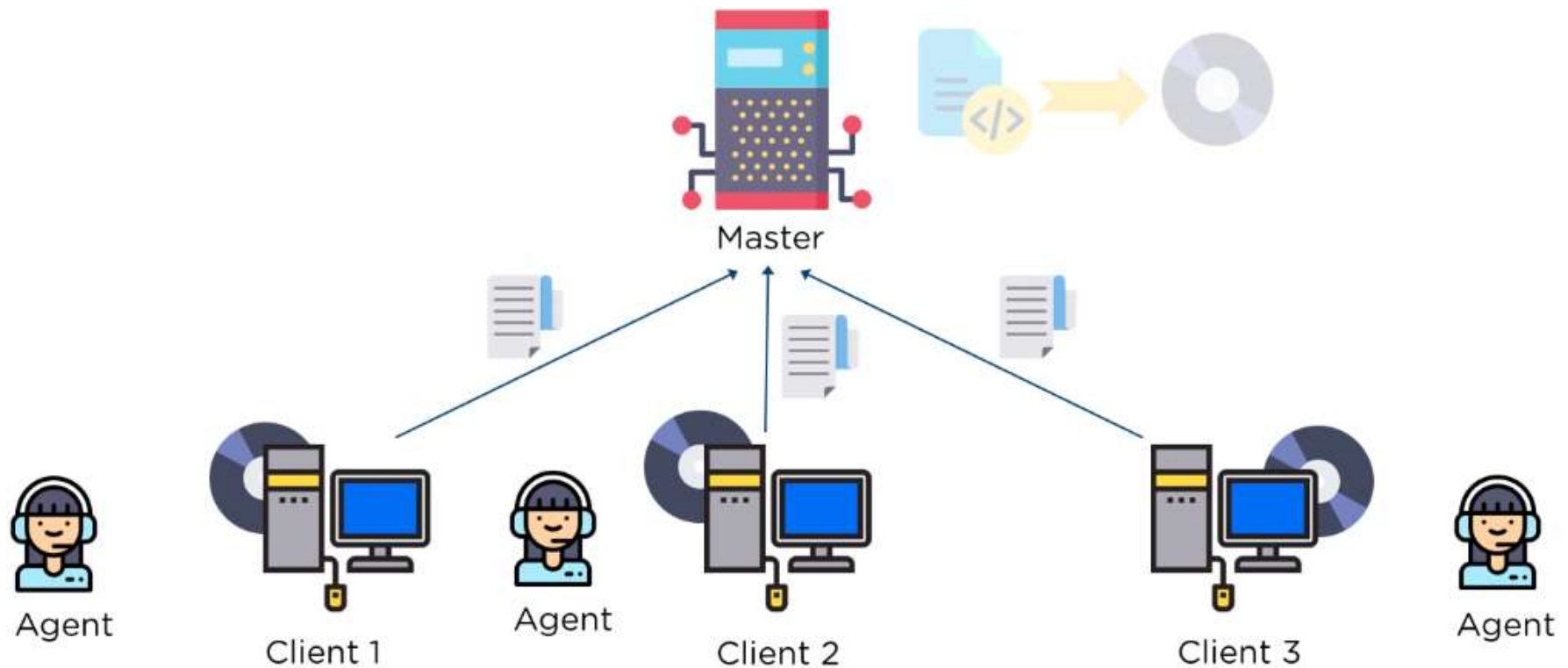
Based on facts master compiles manifests



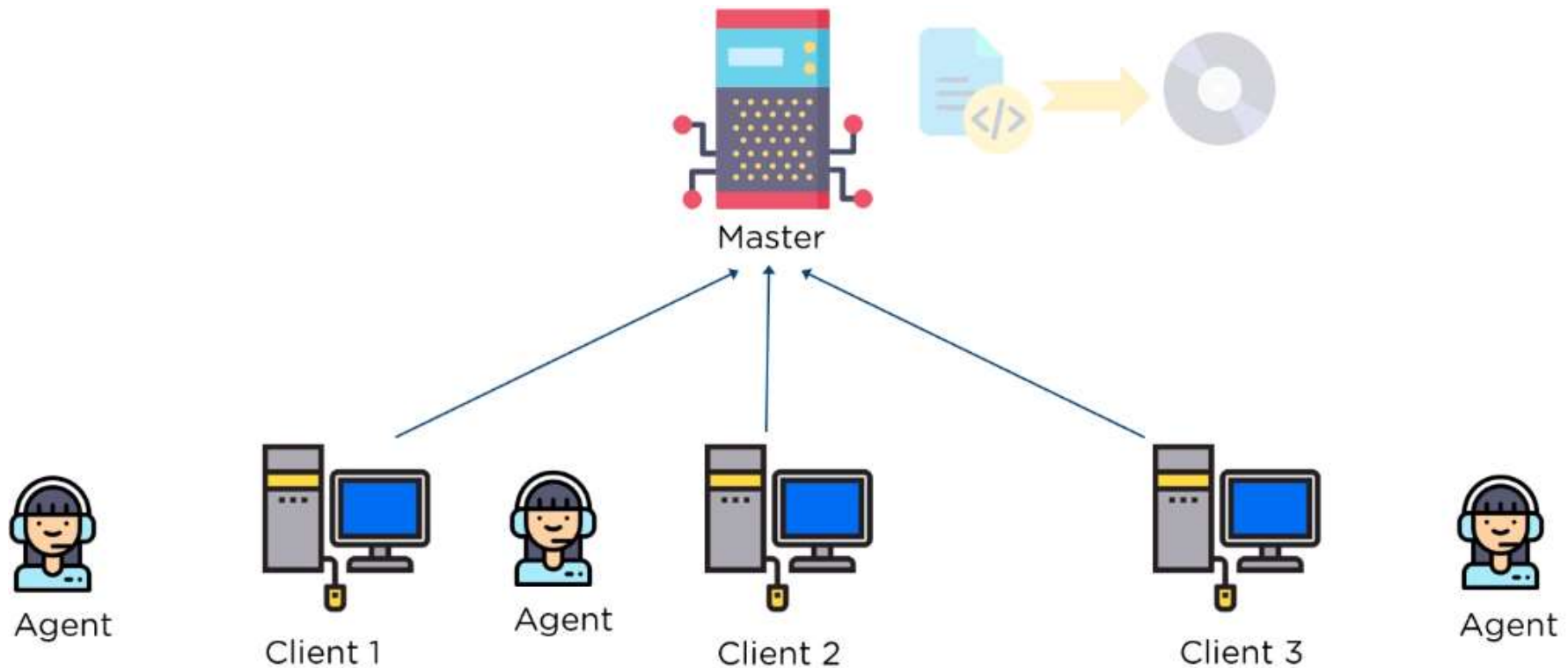
Agent on the client, executes the catalog



Report is sent back to the master



Report is generated and sent every 30 minutes



The components that make up Puppet

- Puppet Server and Puppet agent
 - Configured in an agent-server architecture
 - Includes a built-in certificate authority for managing certificates
 - Performs the role of the primary node and also runs an agent to configure itself.
- Facter
 - Gathers facts about an agent node such as its hostname, IP address, and OS
- Hieradata
 - Separate data from the code and place it in a centralized location.
- PuppetDB
 - All data generated (for example facts, catalogs, reports) is stored in PuppetDB

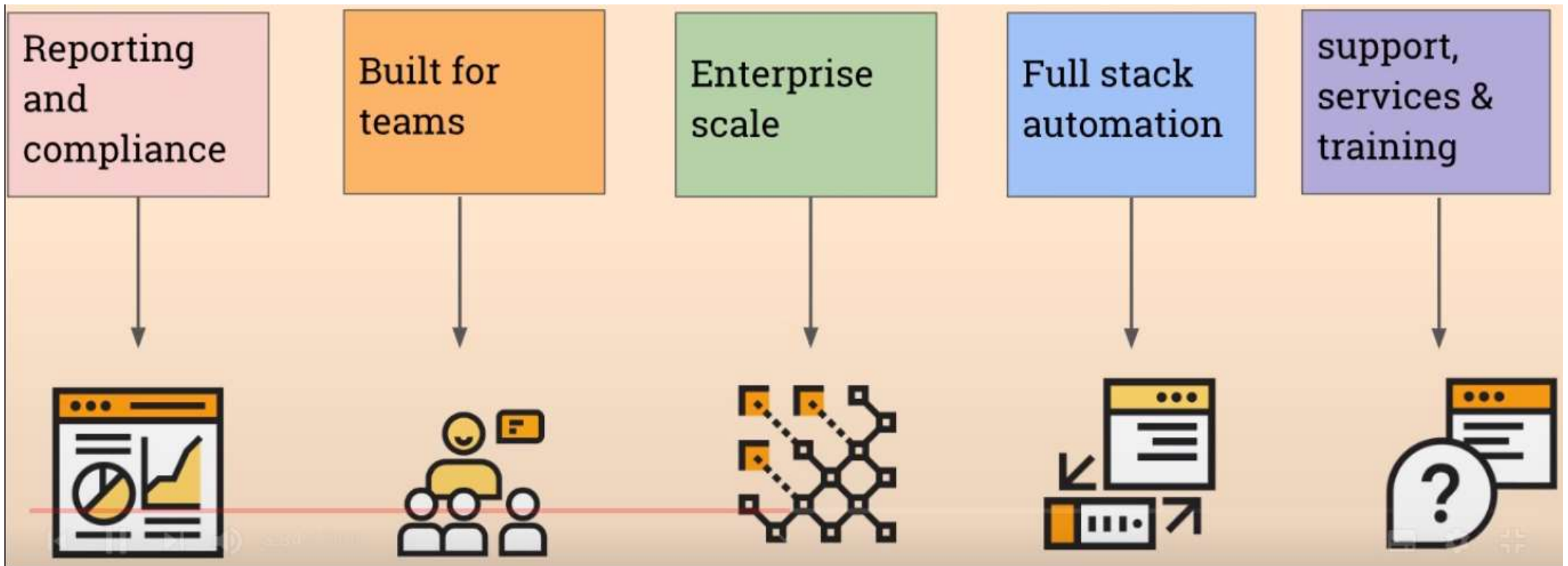


puppet

Puppet Enterprise

Puppet Open Source

Why Puppet Enterprise



Thanks