

Puppet certification 2015 study guide

The following is a study guide for the Puppet Certified Professional 2105 certification. It is based on the official [exam objectives](#) with links to the relevant documentation. When done, it would be good to take the [practice exam](#) a couple of times. I will say that I found the 2014 exam significantly more difficult than the practice exam.

Exam Objectives

Language

- [Identify Style Guide recommendations](#)
- [Describe language features](#)
- Identify the core resource types
 - [Language: Resources](#)
 - [Resources](#)
 - [Resource type reference](#)
- Demonstrate knowledge of classes and defines
 - [Classes](#)
 - [Defines](#)
 - [Containment](#)

Modules

- [Describe how to use modules from the Forge](#)
- [Demonstrate knowledge of module structure](#)
- [Identify module authoring best practices](#)

Using Puppet

- [Describe environments in Puppet](#)
- Describe the lifecycle of a Puppet run
 - [Puppet internals](#)
 - [Master/Agent communication](#)
 - [Catalog compilation](#)
- Describe Puppet ecosystem component usage
 - [Puppet components](#)
 - [Install what and where](#)
- Describe how to configure a Puppet master
 - [Installation](#)
 - [Tuning](#)

Puppet Internals

- Describe the purpose of types and providers
 - [About Types](#)
 - [About Providers](#)
- [Describe Puppet's use of SSL certificates](#)
 - [Regenerate agent cert](#)
 - [Regenerate server certs](#)

Classification

[Describe classification](#)

Console

- [Describe Node Manager](#)
 - [What is it?](#)
 - [Podcast](#)
- [Describe RBAC](#)
- [Demonstrate knowledge of how to troubleshoot PE Console](#)
- [Describe reporting capabilities in PE Console](#)

Ecosystem

- [Describe the purpose of PuppetDB](#)
- [Demonstrate knowledge of Hiera](#)
- Describe the usage of MCollective
 - [command line – mco](#)
 - [Vagrant demo](#)
- [Demonstrate knowledge of Factor](#)