Puppet

Raúl Estrada

Octubre 2020

Puppet

Puppet has been around for a while and is widely used in the DevOps world. Puppet comes in two flavors:

- Open source
- Enterprise

The open source version comes as is, offering a good set of features that allow you to fully automate the configuration management of your infrastructure.

The enterprise edition, aside from support, comes with an extended set of features that make the life of the engineers in your company a lot easier.

In the same way as Chef, Puppet follows the bastion host architecture: the server is installed within your infrastructure in the demilitarized zone and the nodes (your servers), via the puppet agent, will execute the specified tasks to reach the desired status.

The main difference between Chef and Puppet is the fact that puppet is declarative whereas Chef is more imperative:

> - In Puppet, you specify which state you want your servers on and Puppet takes care of keeping them there
> - In Chef, you declare a number of steps that will get your server to the desired state

That said, Chef also allows you to declare guards, which are conditions for steps to be executed.

Through my experience, I've found that people coming from an DevOps background feel more comfortable with Puppet as it is similar to what they have done through the years, whereas writing Chef recipes is similar to software development.