ABSTRACT

Agate is a company engaged in interactive multimedia, especially in the game industry. Besides making entertainment games in general, Agate also offers gamification services. Gamification business model, affecting the number of projects handled at one time. Therefore, there are so many servers to be configured, because every project needs its own server based on its needs. Agate also needs to save all the credentials and create documentation about each project. When preparing the server, refer to the standardized documentation for implementing the configuration, then save the credentials. This process is done continuously. One solution to offer to solve this problem is to create an automation system. The time needed to prepare the server will be reduced, improving efficiency. One type of tool that can solve this problem is IaC (Infrastructure as a Code), and Ansible is one of them. The Agile method is used to implement Ansible for faster iteration. The result is ready-to-use modules, which can later be used by Agate.

Keywords: Ansible, AWX, Automation, IaC.