**Ansible** helps in **configuration management**, orchestration service, task and application deployment automation.

Ansible is sort of a new tool that is built on [**Python**](https://likegeeks.com/python/) and uses YAML templates for scripting its jobs.

**Playbooks :** Ansible playbooks are a way to send commands to remote computers in a scripted way. Instead of using Ansible commands.

Ansible playbooks are written in the YAML data serialization format. If you don't know what a data serialization format is, think of it as a way to translate a programmatic data structure (lists, arrays, dictionaries, etc) into a format that can be easily stored to disk. “**Y**AML **A**in’t **M**arkup **L**anguage”( Yet Another Markup Language)

**JSON is another popular data serialization format, but YAML is much easier to read.**

It uses SSH, it can very easily connect to clients using SSH-Keys, simplifying though the whole process. The **SSH protocol** (also referred to as Secure Shell) is a method for secure remote login from one computer to another. It provides several alternative options for strong authentication,

**inventory files.**

**Client details**, like hostnames or IP addresses and SSH ports, are stored in files called inventory files. Once you have created an inventory file and populated it, ansible can use it.