

Introduction to template module



Ansible Playbooks – template

Template module

- Managing configurations of multiple servers and environments are one of the significant uses of Ansible.
- But these configuration files may vary for each remote servers or each cluster. But apart from some few parameters, all other settings will be same.
- Creating static files for each of these configurations is not an efficient solution. This is where Ansible template modules come into play.

Template module

- **Templates are simple text files that we use in Ansible which contains all your configuration parameters. During the playbook execution, depending on the conditions like which cluster you are using, the variables will be replaced with the relevant values. Most of the time we use them to replace configuration files or place some documents on the server.**
- **We can do much more than replacing the variables with the help of Jinj2 templating engine. We can have conditional statements, loops, filters for transforming the data, do arithmetic calculations, etc. The template files will usually have the .j2 extension, which denotes the Jinja2 templating engine used.**

Thank you