

Ansible Modules to work files

- Ansible has different types modules to work with files
- They are:
 - `ansible.builtin.file`
 - To create/delete a file/directory/link on managed nodes
 - To get the existing file details like mode,owner,group and size etc...
 - To modify the file parameters like mode, owner, group and access/modified time etc..
 - `ansible.builtin.stat`:
 - To get stats of the file or file systems, it is same as stat command of Unix/Linux
 - `ansible.builtin.copy`
 - To Copy a file from local server(ansible controller node) to remote servers (managed nodes)
 - Create a file on managed nodes with content
 - `ansible.builtin.lineinfile`
 - To Append a file with line
 - `ansible.builtin.blockinfile`
 - To Append a file with multiple lines
 - `ansible.builtin.template`
 - To Copy a file from local server(ansible controller node) to remote servers (managed nodes) with dynamic data
 - It uses jinja template (jinja2) concepts
 - `ansible.builtin.fetch`
 - To Download a file from remote servers (managed nodes) to local server (controller node)

Ansible and Ansible-Playbooks For Automation