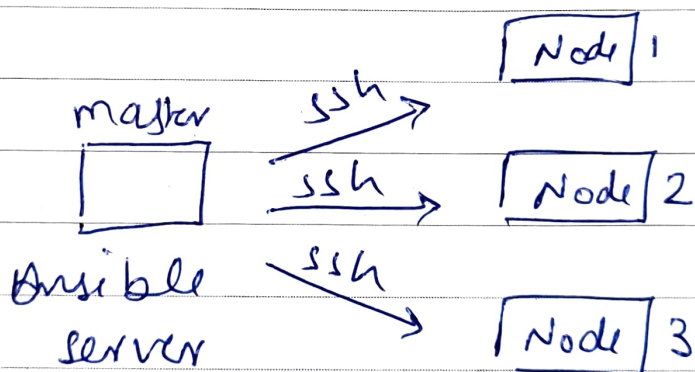


## DevOps Bootcamp Day-7 Ansible

### 1.) What is Ansible

- It's a configuration management tool, open source
- Uses YAML scripting
- Works on push management
- One master can control configuration of many servers.



- It is agentless and communicates through ssh
- Scripts are called playbooks.
- Lightweight
- Automation friendly

## Important terms :

- ① Ansible server - The machine where ansible is installed.  
Playbooks can be run here.
- ② Module - Command or set of commands to be executed client side.
- ③ Inventory - File containing data about client servers.
- ④ Play - Execution of a playbook
- ⑤ ~~Ad-hoc~~ Ad Hoc commands - can be performed individually to perform a quick function.
- ⑥ Inventory file location  
↳ /etc/ansible/hosts.

[on master]

Date: \_\_\_/\_\_\_/\_\_\_

Steps : \* `sudo apt update`  
`sudo apt install ansible`

\* open inventory file

`sudo nano /etc/ansible/hosts`

[servers]

server1 ansible\_host = IP

[all:vars]

ansible-python-interpretor = Path

\* `ansible -i inventory --list -y`

\* Test connection

`ansible all -m ping -u root`  
or

`--private-key`  
= Path.

\* `ansible all -a "df -h"`

\* `ansible servers -a "uptime"`