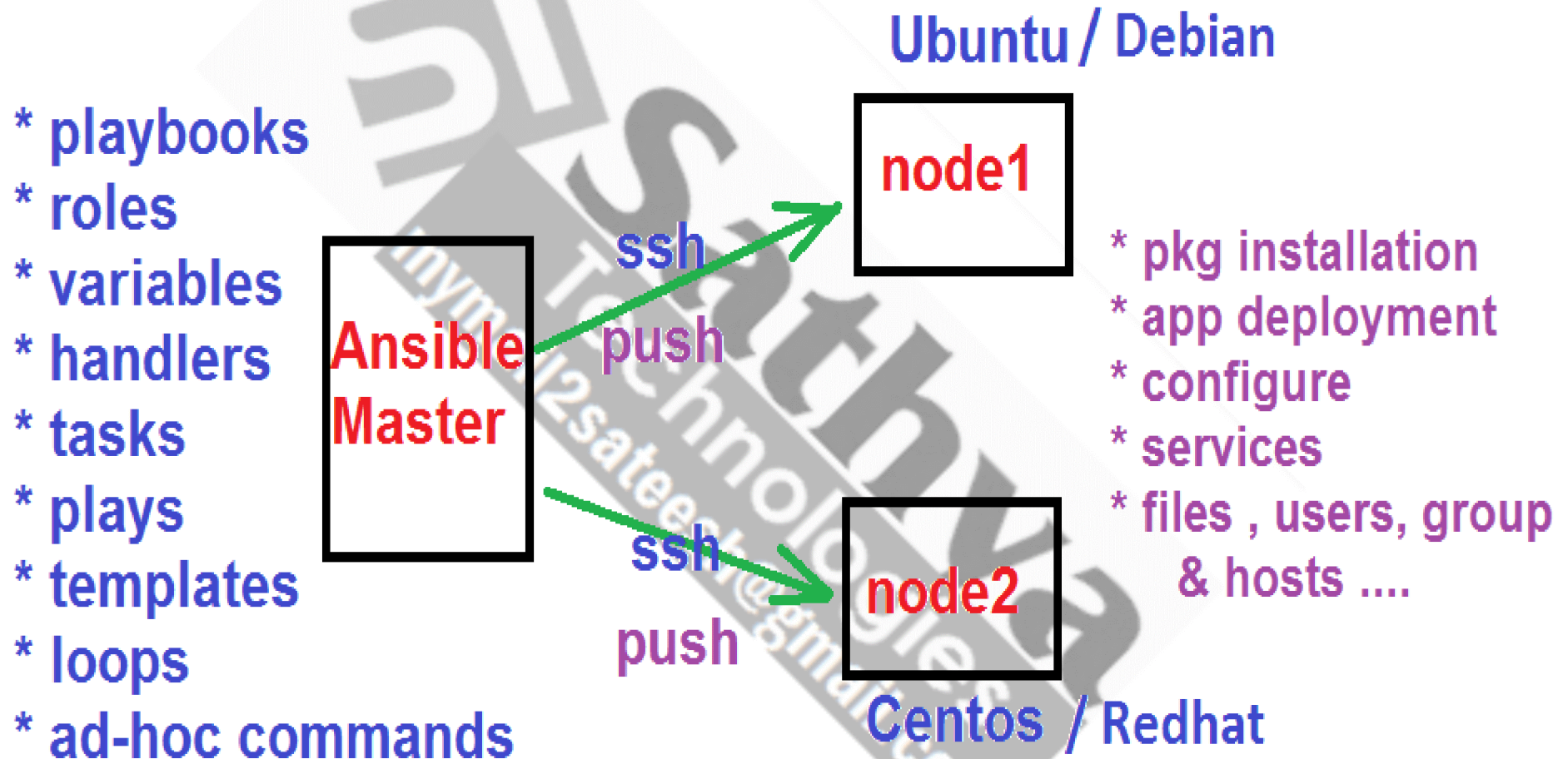




ANSIBLE

Ansible Master-Node



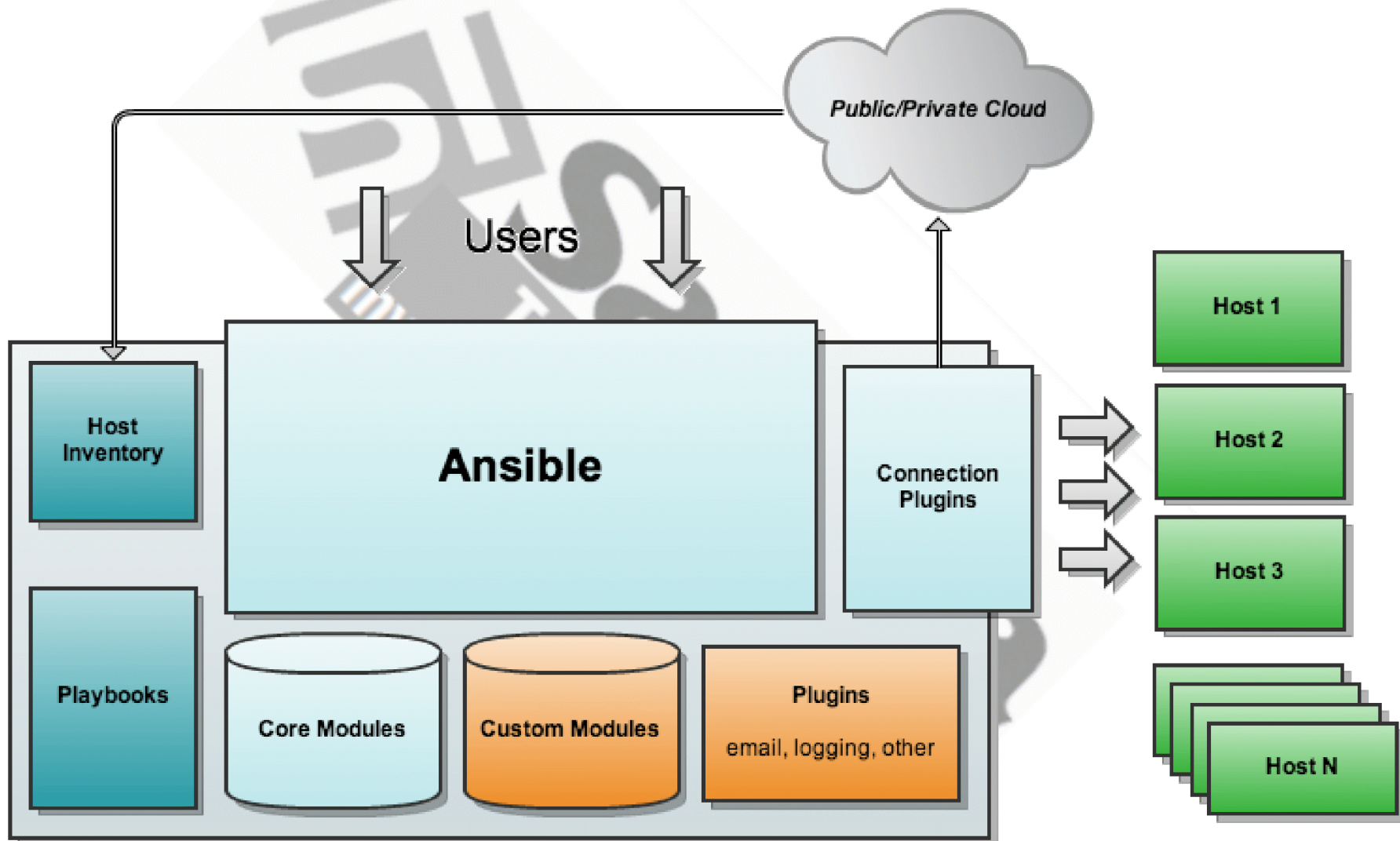
What is configuration management ?

- Package Installation
- Configuration of servers
- Application deployment
- Continuous testing of already install application
- Provisioning (provisioning means "providing" or making something available)
- Orchestration
- Automation of tasks

Why Ansible ?

- It is a free open source application
- Agent-less – No need for agent installation and management
- Python/yaml based
- Highly flexible and configuration management of systems.
- Large number of ready to use modules for system management
- Custom modules can be added if needed
- Configuration roll-back in case of error
- Simple and human readable

Ansible Architecture



SSH Connection

Step-1 : change root passwd :

#sudo su -

#passwd root

Enter new passwd : root

Step-2 : configure ssh :

#vi /etc/ssh/sshd_config

PermitRootLogin yes

PasswdAuthentication yes

:wq <----- write and quit

SSH Connection

Step-3 : restart ssh service

for Ubuntu / Debian :

```
#service ssh restart
```

for Centos / Redhat :

```
#systemctl restart sshd
```

Step-4 : ssh connection:

Syntax:

```
#ssh <IP Address>
```

Ex:

```
#ssh 192.168.33.56
```