Why Ansible?

Provisioning

Configuration Management

Continuous Delivery

Application Deployment

Security Compliance

Scripts

- Time
- Coding Skills
- Maintenance

- Simple
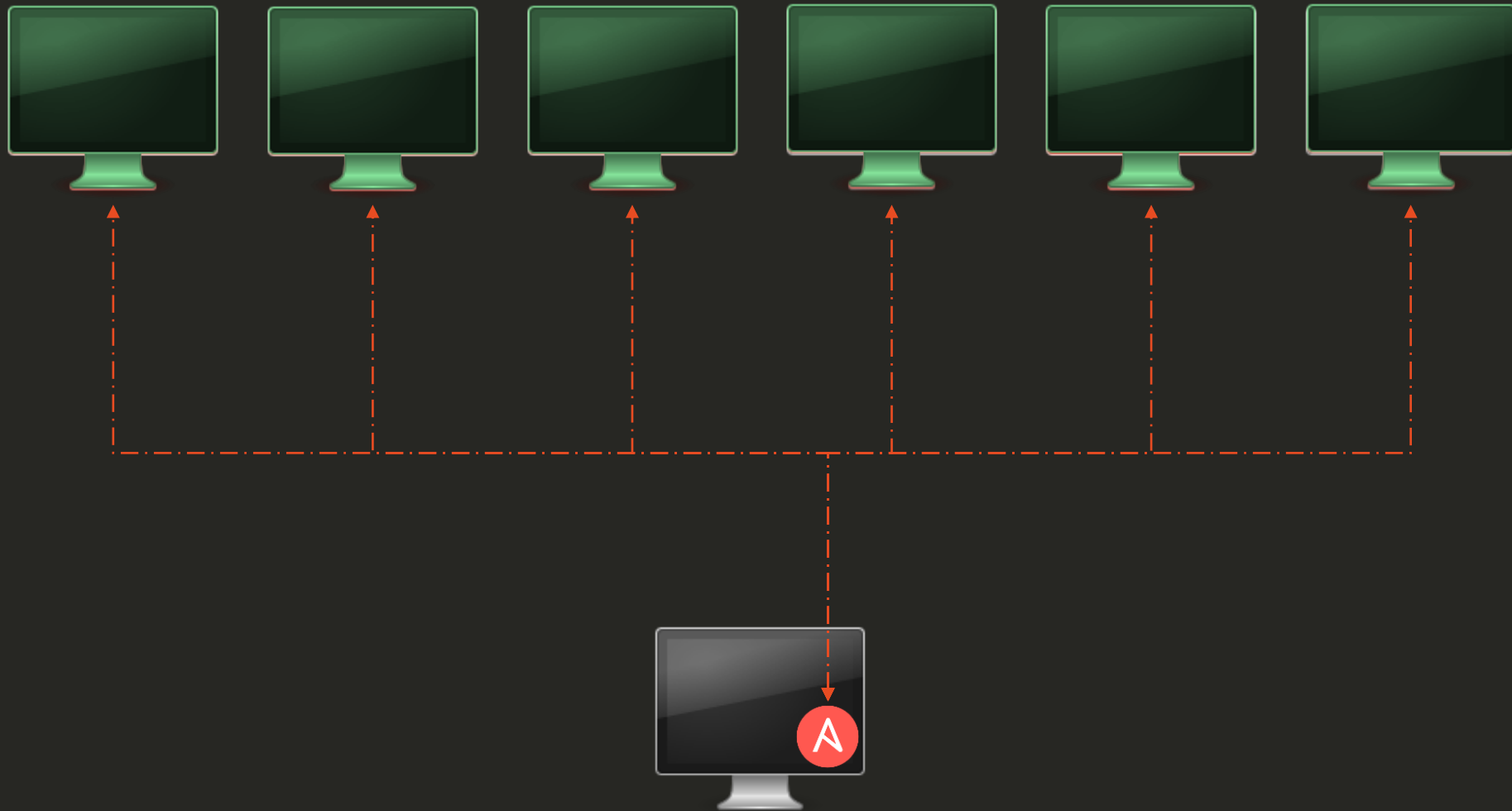- Powerful
- Agentless

Scripts   vs   Ansible Playbook

```bash
#!/bin/bash
# Script to add a user to Linux system
if [ $(id -u) -eq 0 ]; then
    $username=johndoe
    read -s -p "Enter password : " password
    egrep "^$username" /etc/passwd >/dev/null
    if [ $? -eq 0 ]; then
        echo "$username exists!"
        exit 1
    else
        useradd -m -p $password $username
        [ $? -eq 0 ] && echo "User has been added
to system!" || echo "Failed to add a user!"
    fi
fi
```

```yaml
- hosts: all_my_web_servers_in_DR
  tasks:
    - user:
        name: johndoe
```

Use case example - Simple

Use case example - complex