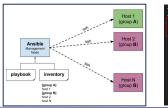




Hosts and Users

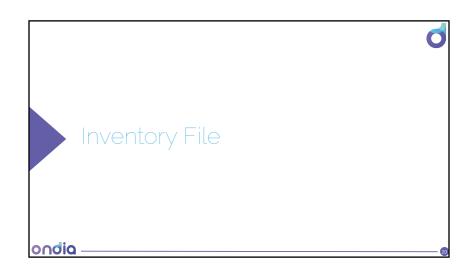
ondia

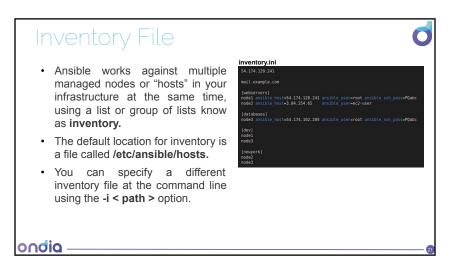
- For each play in a playbook, you get to choose which machines in your infrastructure to target and what remote user to complete the steps (called tasks) as.
- The host defined in the inventory file must match the host used in the playbook and all connection information for the host is retrieved from the inventory file.



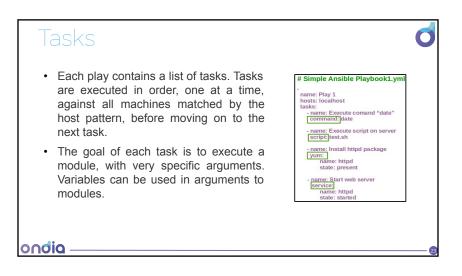
```
- name: update web servers
hosts: webservers
remote_user: root

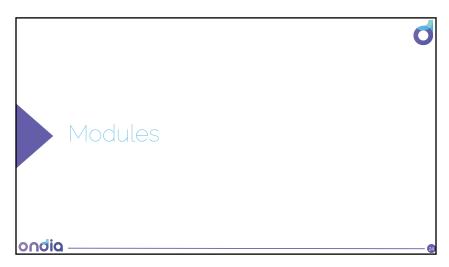
tasks:
- name: ensure apache is at the latest version
yun:
name: httpd
state: latest
- name: write the apache config file
template:
src: /srv/httpd.j2
dest: /etc/httpd.conf
```







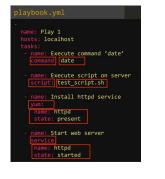




Modules

ondia -

- Modules (also referred to as "task plugins" or "library plugins") are discrete units of code that can be used from the command line or in a playbook task.
- Ansible executes each module, usually on the remote target node, and collects return values.
- Modules should be idempotent, and should avoid making any changes if they detect that the current state matches the desired final state.

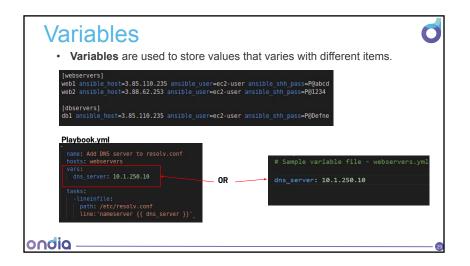


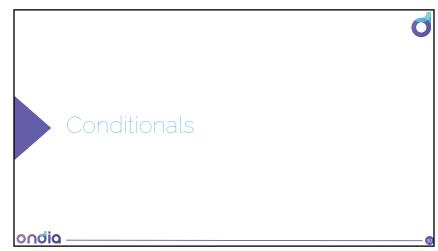
Handlers

ondia

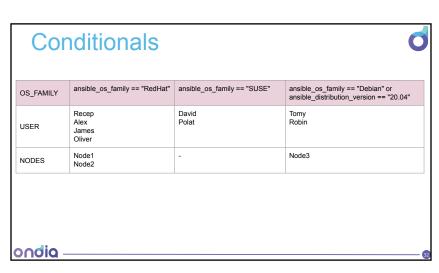


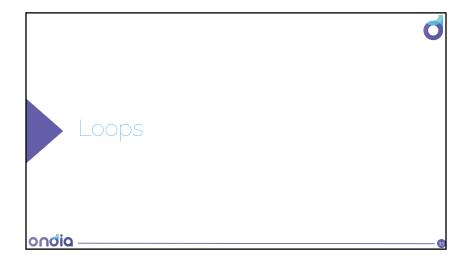












```
name: 'Install required packages'
hosts: webservers
tasks:

yum:
name: '{{ item }}'
state: present
loop:
- httpd
- binutils
- glibc
- sysstat
- unix00BC
- mongodb
- nodejs
- grunt
```

