TAGS

ansible-playbook play1.yml --tags=my_tag ansible-playbook play1.yml --skip-tags=my_tag

```
name: Our first Playbook
hosts: all
tasks:
 - name: Install Haproxy
    yum:
     name: haproxy
      state: present
 - file:
     path: /new
     mode: "555"
      state: directory
    tags: data_creation
name: Play 2 of 1st Playbook
hosts: redhat
tasks:
 - name: Copy a file
    copy:
       src: content.txt
       dest: /
                                    I
    tags:
      - data_creation
     content_data
```

VARIABLES

Naming Convention:

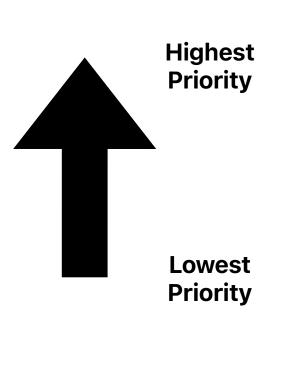
Not Permitted: - No spacing between words (web server) - 1variable - remote.user - content\$new **Permitted:** - Start with a letter - letters, numbers, and underscore (_)

How to Define a Variable:

"{{ variable_name }}" {{ variable_name }}

3 Major Types of Variables

Global Scope Play Scope: Internal and External **Host Scope**



Defined in the inventory file against the IP/hostname

Host Scope Variable

```
192.168.137.128 ansible_user=client1 package_name=httpd
192.168.137.139 ansible_user=client2
[redhat]
192.168.137.128
[aws_cloud]
192.168.137.139
[aws_cloud:vars]
```

Internal

Defined in the Playbook file against a certain play

Play Scope Variable

```
name: Our first Playbook
hosts: all
vars:
  - package_name: haproxy
tasks:
  - name: Install Httpd
    yum:
      name: "{{ package_name }}"
      state: present
  - file:
      path: /new
      mode: "555"
      state: directory
    tags: data_creation
```

External

Defined in a separate YAML file and called inside a play

package_name_2: mysql service_name: httpd content_file: content.txt

```
name: Our first Playbook
hosts: all
vars_files:
```

- file: path: /new mode: "555" state: directory tags: data_creation

name: "{{ package_name }}"

- vars.yml

yum:

- name: Install Httpd

state: present

tasks:

autofs

Global Scope Variable

control@control ansible]\$ ansible-playbook play3.yml -e package_name=bzip2 -e install_package=

Defined in the command line against the whole playbook

ANSIBLE SECRETS

Ansible Vault

```
Ansible-vault encrypt <name_of_playbook>
      Ansible-vault decrypt <name_of_playbook>
       Ansible-vault edit <name_of_playbook>
       Ansible-vault view <name_of_playbook>
Ansible-playbook <name_of_playbook> --ask-vault-pass
```