

Ansible 역할

서버 생성할때 필요한 인프라 설정 값을 따로 기록해서 필요할 때 사용할 수 있게 해준다

서버 설정하는 커맨드를 입력 해주는 역할을 한다. 저장도 해주는 역할도 있다. Ansible 서버 설정하기 위한

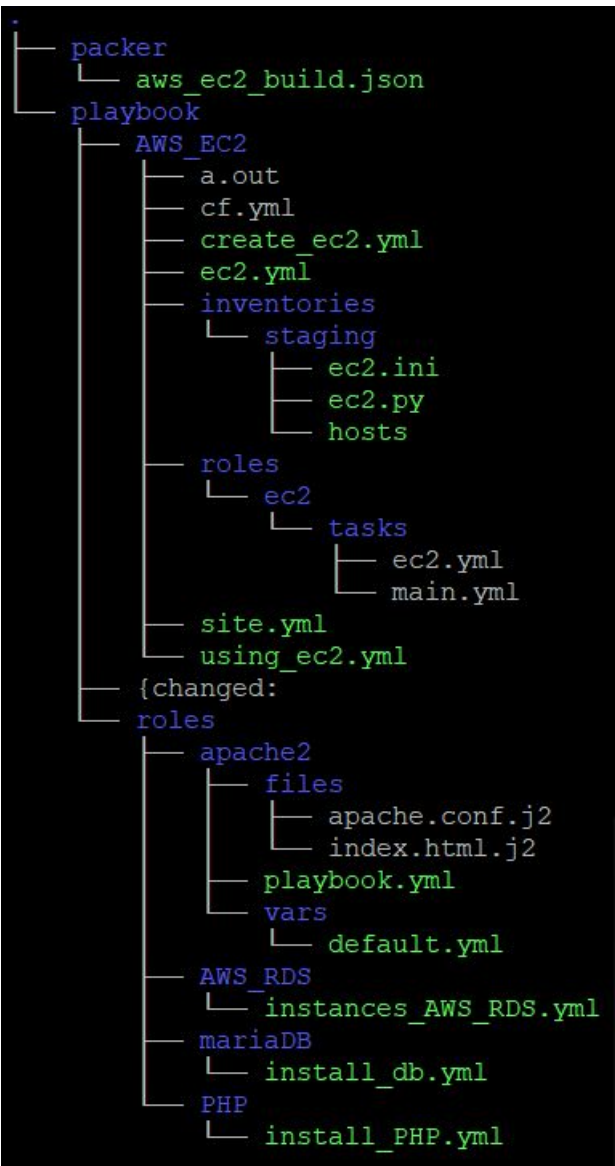
```
==> amazon-ebs: Prevalidating any provided VPC information
==> amazon-ebs: Prevalidating AMI Name: packer-example 1603708195
amazon-ebs: Found Image ID: ami-0739f8cdb239fe9ae
==> amazon-ebs: Creating temporary keypair: packer 5f96a523-b496-c845-c715-880b9
==> amazon-ebs: Creating temporary security group for this instance: packer_5f96
c-d926-00df3d95a630
==> amazon-ebs: Authorizing access to port 22 from [0.0.0.0/0] in the temporary
ps...
==> amazon-ebs: Launching a source AWS instance...
==> amazon-ebs: Adding tags to source instance
amazon-ebs: Adding tag: "Name": "Packer Builder"
amazon-ebs: Instance ID: i-020e5b49f356dd5ed
==> amazon-ebs: Waiting for instance (i-020e5b49f356dd5ed) to become ready...
==> amazon-ebs: Using ssh communicator to connect: 54.84.59.34
==> amazon-ebs: Waiting for SSH to become available...
==> amazon-ebs: Connected to SSH!
==> amazon-ebs: Stopping the source instance...
amazon-ebs: Stopping instance
==> amazon-ebs: Waiting for the instance to stop...
==> amazon-ebs: Creating AMI packer-example 1603708195 from instance i-020e5b49f
356dd5ed
amazon-ebs: AMI: ami-0e3cd64c8e7b47850
==> amazon-ebs: Waiting for AMI to become ready...
```

```
---
- name: This play is used to fetch instances info
  hosts: localhost
  connection: local
  gather_facts: false
  tasks:
    - name: Info about ec2 using ec2_instance_facts
      ec2_instance_facts:
        region: us-east-1
        filters:
          "tag:Env": test
      register: ec2_info
      tags:
        - always
    # - name: Displaying output
    #   debug: msg="{{item.instance_id}}"
    #   with_items: "{{ec2_info.instances}}"
    - name: starting ec2 instance
      ec2:
        instance_ids: "{{item.instance_id}}"
        region: us-east-1
        state: running
        wait: yes
      tags:
        - start
        - never
      with_items: "{{ec2_info.instances}}"
```

packer

아마존에서 제공하는 가상머신을 생성해주는 역할을 한다.

엔서블 전체 코드 구조



동영상에서 구현된 사용한 코드 구조

```
---
- hosts: tag_role_web
  become: true
  serial: 1
  pre_tasks:
    - name: Gathering ec2 facts
      ec2_facts:
        tags:
          - always
      register: ec2_find

    - debug: var=ec2_find

    - name: Instance De-register
      local_action: ec2_elb
      args:
        instance_id: "{{ ansible_ec2_instance_id }}"
        state: absent
        wait_timeout: 300
      tags:
        - always

    - debug: var=ec2_elbs

  roles:
  post_tasks:
    - name: Instance Register
      local_action: ec2_elb
      args:
        instance_id: "{{ ansible_ec2_instance_id }}"
        ec2_elbs: "{{ item }}"
        state: present
        wait_timeout: 300
      with_items: "{{ ec2_elbs }}"
      tags:
        - always
```

```
---
- name: This play is used to fetch instances info
  hosts: localhost
  connection: local
  gather_facts: fals
  tasks:
    - name: Info about ec2 using ec2_instance_facts
      ec2_instance_facts:
        region: us-east-1
        filters:
          "tag:Env": test
      register: ec2_info
      tags:
        - always

    # - name: Displaying output
    #   debug: msg="{{ item.instance_id }}"
    #   with_items: "{{ ec2_info.instances }}"

    - name: starting ec2 instance
      ec2:
        instance_ids: "{{ item.instance_id }}"
        region: us-east-1
        state: running
        wait: yes
      tags:
        - start
        - never
      with_items: "{{ ec2_info.instances }}"
```

