- 1. INSTALLING A PACKAGE WITHOUT USING HANDLERS WHEN ONLY
- 2. COPYING A LIST OF FILES FROM CONTROLLER TO HOST USING LOOP
- 3. RESTART THE SERVICE OF THE INSTALLED PACKAGE

```
Day 4 > roles > web > tasks > 🖹 main.yml
      - name: Install Latest Apache
        package:
          name: "{{ package name }}"
           state: latest
        register: apache install result
        changed when : true
      - name: CopyingFiles
        copy:
           src: "{{ item }}"
          dest: "/var/www/html/{{ item }}"
 11
        loop: "{{ file list }}"
 12
        when: apache install result.changed
 13
 14
      - name: Restart Apache
 15
        service:
          name: "{{ package name }}"
 17
           state: restarted
 18
```

```
• mohamedamr@mohamedamr:~/ansible/Day 4$ ansible-playbook iti-playbook.yml
 PLAY [play1] ******
 ok: [52.56.166.196]
 TASK [web : Install Latest Apache] ***********************
 changed: [52.56.166.196]
 TASK [web : CopyingFiles] ***********************************
 changed: [52.56.166.196] => (item=index.html)
 ok: [52.56.166.196] => (item=style.css)
 ok: [52.56.166.196] => (item=script.js)
 TASK [web : Restart Apache] ****
 changed: [52.56.166.196]
 PLAY RECAP ***********************************
                   : ok=4 changed=3 unreachable=0
 52.56.166.196
                                                         failed
```

Ansible Lab 4 - USING WHEN ONLY

- 1. INSTALLING A PACKAGE USING HANDLERS
- 2. COPYING A LIST OF FILES FROM CONTROLLER TO HOST USING LOOP
- 3. RESTART THE SERVICE OF THE INSTALLED PACKAGE



▲ Not secure | 52.56.166.196

Ansible Lab 4 - USING HANDLERS

- INSTALLING A PACKAGE USING HANDLERS & TEMPLATES
- 2. COPYING A LIST OF FILES FROM CONTROLLER TO HOST USING LOOP
- 3. RESTART THE SERVICE OF THE INSTALLED PACKAGE

```
Day 4 > iti-playbook.yml

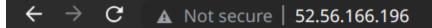
1 ---
2 - name: play1
3 hosts: web_servers
4 roles:
5 | web
```

```
Day 4 > roles > web > handlers > 🖹 main.yml
      - name: "{{ template_name }}"
         template:
          src: index.html.j2
           dest: "/var/www/html/index.html"
        notify: CopyingFiles

    name: CopyingFiles

           src: "{{ item }}"
          dest: "/var/www/html/{{ item }}"
         loop: "{{ file list }}"
        notify: Restart Apache
 13
      - name: Restart Apache
          name: "{{ package_name }}"
 16
           state: restarted
Day 4 > roles > web > templates > 开 index.html.j2
```

```
mohamedamr@mohamedamr:~/ansible/Day 4$ ansible-playbook iti-playbook.yml
changed: [52.56.166.196]
changed: [52.56.166.196]
52.56.166.196
         changed=2
            unreachable=0
                 failed=0
                    skipped=0
                       rescued=0
                          ignored=0
```



Lab 4 - TEMPLATES & HANDLERS