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Example Playbook

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Informasi Akses Lab

Gunakan akun akses lab ini untuk masuk ke layanan praktikum. Password akses lab terpisah dari password LearnHub dan bisa diperbarui kapan saja dari panel ini.

[Download OpenVPN Client](#)

USERNAME OPENVPN & CML

faridridwan1815

CML URL

10.2.2.20

USERNAME VMWARE

faridridwan1815@itnsa.id

VCENTER URL

10.1.1.100

Lab Status

2/2 task PASS

Not Validated

Lab Objective

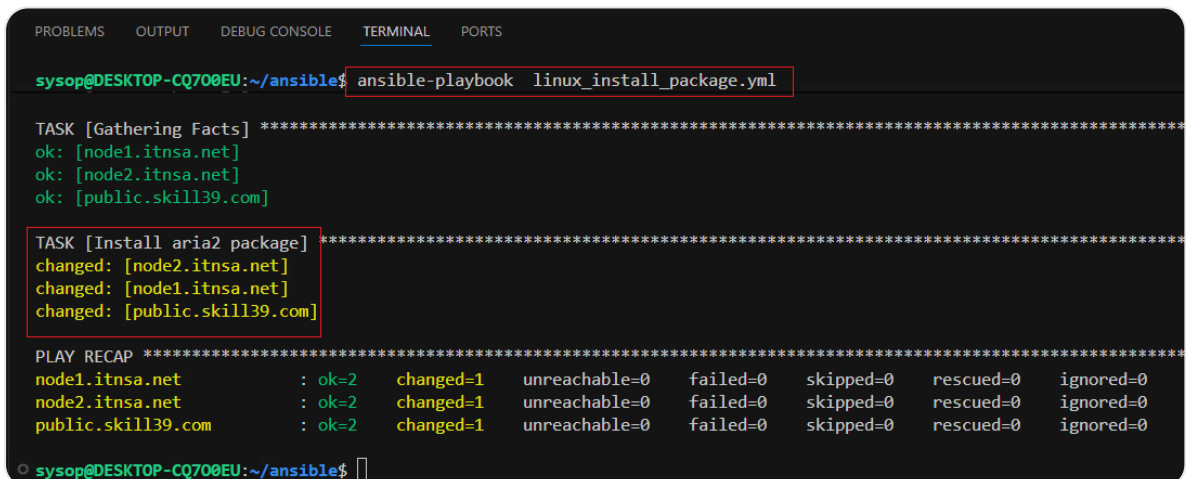
1 Install Package Playbook

Buat playbook bernama `linux_install_package.yml` pada `/home/sysop/ansible` dengan konten berikut:

```
---
- name: Install package on all linux
  hosts: linux

  tasks:
    - name: Install aria2 package
      package:
        name: aria2
        state: present
```

Contoh eksekusi:



```
sysop@DESKTOP-CQ700EU:~/ansible$ ansible-playbook linux_install_package.yml

TASK [Gathering Facts] *****
ok: [node1.itnsa.net]
ok: [node2.itnsa.net]
ok: [public.skill39.com]

TASK [Install aria2 package] *****
changed: [node2.itnsa.net]
changed: [node1.itnsa.net]
changed: [public.skill39.com]

PLAY RECAP *****
node1.itnsa.net      : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
node2.itnsa.net      : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
public.skill39.com   : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

sysop@DESKTOP-CQ700EU:~/ansible$
```

2 Create Virtualhost

Buat playbook `linux_virtualhost.yml` pada `/home/sysop/ansible`

```
---
- name: Create nginx virtualhost
  hosts: node2.itnsa.net

  handlers:
    - name: Restart nginx
      service:
        name: nginx
```

```

state: restarted

tasks:
- name: Create root directory
  file:
    path: /var/www/ansible
    state: directory
- name: Create index.html
  lineinfile:
    path: /var/www/ansible/index.html
    line: Hello from ansible!
    create: yes
- name: Create Virtualhost
  blockinfile:
    block: |
      server {
        listen 80;
        listen [::]:80;
        server_name ansible.itnsa.net;
        root /var/www/ansible;
      }
    path: /etc/nginx/sites-enabled/ansible
    create: yes
  notify: Restart nginx

```

Contoh eksekusi:

```

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
sysop@CLIENT:~/ansible$ ansible-playbook linux_virtualhost.yml

PLAY [Create nginx virtualhost] *****

TASK [Gathering Facts] *****
ok: [node2.itnsa.net]

TASK [Create root directory] *****
changed: [node2.itnsa.net]

TASK [Create index.html] *****
changed: [node2.itnsa.net]

TASK [Create Virtualhost] *****
changed: [node2.itnsa.net]

RUNNING HANDLER [Restart nginx] *****
changed: [node2.itnsa.net]

PLAY RECAP *****
node2.itnsa.net      : ok=5    changed=4    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

sysop@CLIENT:~/ansible$

```

Testing pada **node2**:

```

root@node2:~# curl localhost -H "Host: ansible.itnsa.net"
Hello from ansible!
root@node2:~# _

```

Validate Lab

Reset Lab