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AKSES LAB

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

3/3 task PASS

Not Validated

Lab Objective

Lab Web Features - Nginx (node2)

1 Install apache2-utils

Konfigurasi HTTPS, Redirection dan Authentication **web2.itnsa.net** pada **node2.itnsa.net** menggunakan nginx

Install apache2-utils pada **node2** menggunakan perintah berikut:

```
apt install apache2-utils -y
```

2 HTTPS, Redirection & Authentication Configuration

Buat username dan password untuk proses autentikasi menggunakan perintah berikut:

```
htpasswd -cb /etc/nginx/.htpasswd user password
```

Buka `/etc/nginx/sites-enabled/web2.conf` dan edit kontennya menjadi seperti berikut:

```
server {  
    listen 80;  
    server_name web2.itnsa.net;  
    return 301 https://web2.itnsa.net;  
}  
  
server {
```

```
listen 443 ssl;
ssl_certificate /opt/itnsa.net.crt;
ssl_certificate_key /opt/itnsa.net.key;

server_name web2.itnsa.net;
root /var/www/web2;

access_log /var/log/nginx/web2_access.log;
error_log /var/log/nginx/web2_error.log;

auth_basic authentication;
auth_basic_user_file /etc/nginx/.htpasswd;
}
```

Aktifkan module SSL

Check konfigurasi dan restart nginx

```
nginx -t && systemctl restart nginx
```

3

Check Website



Lakukan pengujian menggunakan perintah `curl`

```
curl http://web2.itnsa.net -sI | grep HTTP
curl https://web2.itnsa.net -sI -L | grep HTTP
curl https://web2.itnsa.net -u user:password
```

Contoh:

```
root@node2:~# curl http://web2.itnsa.net -sI | grep HTTP
HTTP/1.1 301 Moved Permanently
```

```
root@node2:~# curl https://web2.itnsa.net -sI -L | grep HTTP
HTTP/1.1 401 Unauthorized
```

```
root@node2:~# curl https://web2.itnsa.net -u user:password
Welcome to web2.itnsa.net
```

Validate Lab

Reset Lab