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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

4/4 task PASS

Not Validated

Lab Objective

Basic Firewall Setup

1 Install nftables



```
apt update
apt install nftables -y
systemctl enable --now nftables
systemctl status nftables
```

2 Default Policy DROP



Edit file:

```
nano /etc/nftables.conf
```

Konfigurasi:

```
#!/usr/sbin/nft -f
flush ruleset

table inet filter {

    chain input {
        type filter hook input priority 0;
        policy drop;

        iif lo accept
        ct state established,related accept
    }
}
```

```
chain forward {
    type filter hook forward priority 0;
    policy drop;
}

chain output {
    type filter hook output priority 0;
    policy accept;
}
}
```

Reload:

```
systemctl reload nftables
nft list ruleset
```

3 Allow SSH (Port 22)



```
nft add rule inet filter input tcp dport 22 accept
ss -tulpn | grep 22
```

4 Allow HTTP (Port 80)



```
nft add rule inet filter input tcp dport 80 accept
apt install nginx -y
systemctl start nginx
curl http://localhost
```

Validate Lab

Reset Lab