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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

Lab DNS - skill39.com

1 Install Bind9



Lakukan konfigurasi berikut pada **public.skill39.com**

Install bind9, bind9-utils dan dnsutils menggunakan perintah berikut:

```
apt install bind9 bind9-utils dnsutils -y
```

2 Create skill39.com zone



Buat file `/var/lib/bind/db.skill39.com` dengan konten seperti berikut:

```
$TTL 3600
@      IN      SOA      public.skill39.com. admin.skill39.com. (1 604800 86400 86400 604800)
@      IN      NS       public.skill39.com.
public IN      A        192.168.1.254
mail   IN      A        192.168.1.254
webmail IN     A        192.168.1.254
www    IN      CNAME    public.skill39.com.
@      IN      MX       10 mail.skill39.com.
```

3 Load skill39.com & other zones



Tambahkan konfigurasi zone berikut pada file `/etc/bind/named.conf.local`

```
zone "skill39.com" {
    type master;
    file "/var/lib/bind/db.skill39.com";
};

zone "itnsa.net" {
    type forward;
    forwarders { 192.168.1.101; 192.168.1.102; };
};

zone "itnsa.local" {
    type forward;
    forwarders { 192.168.1.1; };
};

zone "1.168.192.in-addr.arpa" {
    type forward;
```

```
forwarders { 192.168.1.101; 192.168.1.102; };  
};
```

Check konfigurasi menggunakan `named-checkconf -l`

Lalu restart menggunakan perintah

```
systemctl restart named
```

4

Test skill39.com DNS record



Test DNS record skill39.com menggunakan perintah berikut:

```
nslookup public.skill39.com localhost
```

```
nslookup www.skill39.com localhost
```

```
host -t mx skill39.com localhost
```

Pastikan outputnya seperti berikut:

```
Name:   public.skill39.com  
Address: 192.168.1.254
```

```
www.skill39.com canonical name = public.skill39.com.  
Name:   public.skill39.com  
Address: 192.168.1.254
```

```
skill39.com mail is handled by 10 mail.skill39.com.
```

Validate Lab

Reset Lab