

## DHCP

```
lmane@ubuntu: /var/www/html$ cd
lmane@ubuntu:~$ sudo systemctl status isc-dhcp-server
● isc-dhcp-server.service - ISC DHCP IPv4 server
   Loaded: loaded (/lib/systemd/system/isc-dhcp-server.service; enabled; vendor preset: enabled)
   Active: active (running) since Wed 2025-01-22 21:48:36 +01; 1 day 22h ago
     Docs: man:dhcpcd(8)
    Main PID: 2996 (dhcpcd)
      Tasks: 4 (limit: 2202)
     Memory: 1.7M
    CGroup: /system.slice/isc-dhcp-server.service
            └─2996 dhcpcd -user dhcpcd -group dhcpcd -f -4 -pf /run/dhcp-server/dhcpcd.pid -cf /etc/dhcp/dhcpcd.conf ens37

Jan 23 11:46:32 ubuntu dhcpcd[2996]: DHCPPOFFER on 10.0.0.1 to 00:0c:29:f6:97:6b (ubuntu) via ens37
Jan 23 11:46:34 ubuntu dhcpcd[2996]: DHCPDISCOVER from 00:0c:29:f6:97:6b (ubuntu) via ens37
Jan 23 11:46:34 ubuntu dhcpcd[2996]: DHCPPOFFER on 10.0.0.1 to 00:0c:29:f6:97:6b (ubuntu) via ens37
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Jan 23 11:46:47 ubuntu dhcpcd[2996]: DHCPPOFFER on 10.0.0.1 to 00:0c:29:f6:97:6b (ubuntu) via ens37
Jan 23 11:47:04 ubuntu dhcpcd[2996]: DHCPDISCOVER from 00:0c:29:f6:97:6b (ubuntu) via ens37
Jan 23 11:47:04 ubuntu dhcpcd[2996]: DHCPPOFFER on 10.0.0.1 to 00:0c:29:f6:97:6b (ubuntu) via ens37
```

## Dns

```
GNU nano 4.8 /etc/bind/named.conf.local

//
// Définition de la zone principale (directe)
zone "pharma.me" {
    type master;
    file "/etc/bind/db.pharma.me"; // Fichier de zone pour le domaine EIDIA.UEMF
};

// Définition de la zone inverse
zone "0.0.10.in-addr.arpa" {
    type master;
    file "/etc/bind/db.10"; // Fichier de zone inverse pour les IP 192.168.0.0/24
};

// Do any local configuration here
//

// Consider adding the 1918 zones here, if they are not used in your
// organization
//include "/etc/bind/zones.rfc1918";
```

```

GNU nano 4.8 /etc/bind/db.pharma.me
$TTL      86400
@          IN      SOA      ns1.pharma.me. admin.pharma.me. (
                        2025010601 ; Serial (année, mois, jour, numéro de révision)
                        3600      ; Refresh (1 heure)
                        1800      ; Retry (30 minutes)
                        1209600   ; Expire (2 semaines)
                        86400 )   ; Minimum TTL (1 jour)

; Définition des serveurs de noms
@          IN      NS       ns1.pharma.me.
@          IN      NS       ns2.pharma.me.

; Adresses des serveurs de noms
ns1        IN      A        10.0.0.1
ns2        IN      A        10.0.0.2

; Enregistrement des hôtes
www        IN      A        10.0.0.1
mail       IN      A        10.0.0.3
ftp        IN      A        10.0.0.4

; Enregistrements MX pour le mail
@          IN      MX       10 mail.pharma.me.

```

```

lmane@ubuntu:~$ sudo named-checkzone 0.0.10.in-addr.arpa /etc/bind/db.10
zone 0.0.10.in-addr.arpa/IN: loaded serial 2025010601
OK
lmane@ubuntu:~$

```