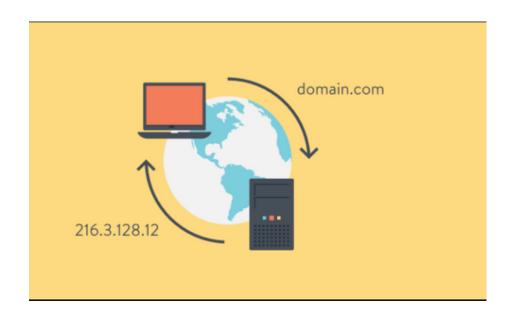
DNS



Installation de BIND

```
Isudo] password for nihad:
Sorry, try again.
[sudo] password for nihad:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
bind9-utils
Suggested packages:
bind-doc resolvconf
The following NEW packages will be installed:
bind9 bind9-utils
0 upgraded, 2 newly installed, 0 to renove and 34 not upgraded.
Need to get 422 kB of archives.
After this operation, 1,663 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://ma.archive.ubuntu.com/ubuntu jammy-updates/main amd64 bind9-utils amd64 1:9.18.18-0ubuntu0.22.04.2 [161 kB]
Get:2 http://ma.archive.ubuntu.com/ubuntu jammy-updates/main amd64 bind9 amd64 1:9.18.18-0ubuntu0.22.04.2 [260 kB]
Fetched 422 kB in 1s (600 kB/s)
Selecting previously unselected package bind9-utils.
(Reading database ... 200603 files and directories currently installed.)
Preparing to unpack .../bind9-utils_IX3a9.18.18-0ubuntu0.22.04.2_amd64.deb ...
Unpacking bind9-utils (1:9.18.18-0ubuntu0.22.04.2) ...
Selecting previously unselected package bind9-utils.
Selecting up bind9-utils (1:9.18.18-0ubuntu0.22.04.2) ...
Setting up bind9-utils (1:9.18.18-0ubuntu0.22.04.2) ...
Adding group 'bind' (GID 138) ...
Done.
Adding systen user 'bind' (UID 130) ...
Adding new user 'bind' (UID 130) ...
Adding proup 'bind' (GID 130 ...
```

Configuration du fichier de zones :

```
|nihad@nihad-VirtualBox:-$ sudo nano /etc/bind/named.conf.
|nihad@nihad-VirtualBox:-$ sudo nano /etc/bind/named.conf.
```

```
zone "eidia.uemf" {
    type master;
    file "/etc/bind/db.eidia.uemf";
};
zone "1.168.192.in-addr.arpa" {
    type master;
    file "/etc/bind/db.192.168.1";
};
```

Configuration du fichier de zone pour eidia.uemf

```
nihad@nihad-VirtualBox:~$ sudo nano /etc/bind/named.conf.
nihad@nihad-VirtualBox:~$ sudo nano /etc/bind/db.eidia.uemf
```

```
GNU nano 6.2
                                                                                                    /etc/bind/db.eidia.uemf
                                     A ns1.eidia.uemf. admin.eidia.uemf. (
2024031301 ; Serial
3600 ; Refresh
1800 ; Retry
604800 ; Expire
86400) ; Minimum TTL
              IN
                                                ns1.eidia.uemf.
192.168.1.10
192.168.1.20
192.168.1.30
                   TN
                                     NS
      IN
IN
86400
                                               ns1.eidia.uemf. admin.eidia.uemf. (
1031301 ; Serial
; Refresh
; Retry
100 ; Expire
10 ) ; Minimum TTL
                               SOA
                                      2024031301
3600
                                      1800
604800
                                               ns1.eidia.uemf.
ns1.eidia.uemf.
www.eidia.uemf.
mail.eidia.uemf.
                                     NS
                   IN
                              PTR
             IN
IN
                              PTR
PTR
```

```
nthad@nthad-VirtualBox:~$ sudo named-checkcont /etc/bind/named.cont
nthad@nthad-VirtualBox:~$ sudo named-checkzone eidia.uemf /etc/bind/db.eidia.uemf
zone eidia.uemf/IN: loaded serial 2024031301
OK
nthad@nthad-VirtualBox:~$ sudo systemctl restart bind9
nthad@nthad-VirtualBox:~$ nslookup www.eidia.uemf
Server: 127.0.0.53
Address: 127.0.0.53#53

** server can't find www.eidia.uemf: NXDOMAIN

nthad@nthad-VirtualBox:~$ nslookup eidia.uemf
Server: 127.0.0.53
Address: 127.0.0.53#53

** server can't find eidia.uemf: NXDOMAIN
```