Mover y cambiar de nombre archivos → mv db.empty /x/x/x

Copiar archivo → cp db.empty /xxx/xx

Copiar y mover → cp db.empty /xxx/xxx

Comprovació sintáctica named.conf.local → named-checkconf

Comprovació sintactica db. → named-checkzone zenter-puzz-boukhzar.net (db.172.31)

FICHERO nano /etc/resolv.conf

Nameserver 172.31.255.2 (ip del server)

Search zenter-puzz-boukhzar.net (dominio)

FICHERO nano /etc/bind/named.conf.local

```
  GNU nano 4.8                          /etc/bind/named.conf.local
//
// Do any local configuration here
//

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


zone "zenter-puzz-boukhzar.net"{
        type master;
        file "/etc/bind/zones_SMX/db.zenter-puzz-boukhzar.net";
};

zone "31.172.in-addr.arpa"{
        type master;
        file "/etc/bind/zones_SMX/db.172.31";
};
```

Zone "zenter-puzz-boukhzar.net" {

    Type master;

    File "/etc/bind/zones/db.zenter-puzz-boukhzar.net";

};

Zone "31.172.in-addr-arpa"{

    Type master;

    File "/etc/bind/zones_SMX/db.172.31";

};

ZONA DIRECTA nano /etc/bind/zones_ex/db.(zenter-puzz-boukhzar.net)

```
  GNU nano 4.8                                                    /etc/bind/zones_SMX/c
; BIND reverse data file for empty rfc1918 zone
;
; DO NOT EDIT THIS FILE - it is used for multiple zones.
; Instead, copy it, edit named.conf, and use that copy.
;
$TTL    86400
@       IN      SOA     ns-boukhzar.zenter-puzz-boukhzar.net. aboukhzar.zenter-puzz-boukhzar.net. (
                            1           ; Serial
                        604800          ; Refresh
                         86400          ; Retry
                       2419200          ; Expire
                         86400 )        ; Negative Cache TTL
;
@       IN      NS      ns-boukhzar.zenter-puzz-boukhzar.net.

ns-boukhzar     IN      A       172.31.255.1

ns              IN      CNAME   ns-boukhzar

gway            IN      A       172.31.255.254
r1              IN      CNAME   gway

ftp             IN      A       172.31.255.4
srvftp          IN      CNAME   ftp

www             IN      A       172.31.255.5
sww             IN      CNAME   www

srvWeb          IN      CNAME   www

mail            IN      A       172.31.255.6
mail-smx2a      IN      CNAME   mail

mail2           IN      A       172.31.255.7
mx-smx2a        IN      CNAME   mail2

pcad-boukhzar   IN      A       172.31.255.11
admin-boukhzar  IN      CNAME   pcad-boukhzar

pcdir-boukhzar  IN      A       172.31.255.21
direc-boukhzar  IN      CNAME   pcdir-boukhzar

mail            IN      MX      10      mail.zenter-puzz-boukhzar.net.
mail2           IN      MX      20      mail2.zenter-puzz-boukhzar.net.
```

ZONA INVERSA nano /etc/bind/zones_ex/db.172.31

```
  GNU nano 4.8                                                    /etc/bind/zones_SMX/db.172.31
; BIND reverse data file for empty rfc1918 zone
;
; DO NOT EDIT THIS FILE - it is used for multiple zones.
; Instead, copy it, edit named.conf, and use that copy.
;
$TTL    86400
@       IN      SOA     ns-boukhzar.zenter-puzz-boukhzar.net. aboukhzar.zenter-puzz-boukhzar.net. (
                            1           ; Serial
                        604800          ; Refresh
                         86400          ; Retry
                       2419200          ; Expire
                         86400 )        ; Negative Cache TTL
;
@       IN      NS      ns-boukhzar.zenter-puzz-boukhzar.net.

ns-boukhzar     IN      A       172.31.255.1

1.255           IN      PTR     dns-boukhzar.zenter-puzz-boukhzar.net.

254.255         IN      PTR     gway.zenter-puzz-boukhzar.net.

4.255           IN      PTR     ftp.zenter-puzz-boukhzar.net.

5.255           IN      PTR     www.zenter-puzz-boukhzar.net.

6.255           IN      PTR     mail.zenter-puzz-boukhzar.net.

7.255           IN      PTR     mail2.zenter-puzz-boukhzar.net.

11.255          IN      PTR     pcad-boukhzar.zenter-puzz-boukhzar.net.

21.255          IN      PTR     pcdir-boukhzar.zenter-puzz-boukhzar.net.
```

COMANDES DIG EN LINUX:

Autoridad dominio (SOA): dig zenter-puzz-boukhzar.net

Comprobar servidores con dig:

Directa → dig mail.zenter-puzz-boukhzar.net

Indirecta → dig -x 172.31.255.5 (IP DEL SERVIDOR EN FICHERO INVERSO)

COMANDES HOST

Autoridad del dominio (SOA): host -a zenter-puzz-boukhzar.net

COMPROVAR SERVIDORES CON DIG:

Directa → host -a ftp.zenter-puzz-boukhzar.net

Inversa → host -a 172.31.255.4

Comandes nslookup:

Autoritat del dominio (SOA)

Nslookup → set type=SOA → zenter-puzz-boukhzar.net

Servidores de correo:

Nslookup → set type=MX → mail.zenter-puzz-boukhzar.net

Nslookup con alias:

Nslookup → mail-smx2a

COMANDES DIG (WIN)

Comandes nslookup:

Autoritat al domini (SOA):

Nslookup → set type=SOA → zenter-puzz-boukhzar.net

Servidor de correu:

Nslookup → set type=NS → mail.zenter-puzz-boukhzar.net

Srv web/ftp/gway etc..

Directa: Nslookup → set type=NS → www.zenter-puzz-boukhzar.net

Inversa: nslookup → set type=PTR → 172.31.255.5