

LPIC2 2021 Sesión 9 (2021-03-02)

Documentación relacionada:

- Manual Certificación LPIC-2.pdf, pag XX
- Material Practicas LPIC-2/LPIC-202/
- Presentaciones/2020/202/
- gdrive://

Clase

DNS

DNS: Laboratorio (continuación [\[\[info: cursos: pue: lpic2-2021: s8# dnslaboratorio\]\]](#))

ficheros de configuración para el master del servidor DNS

[named.conf](#)

```
options {
    directory "/var/named"; %%//%% aunque esté enjaulado, no lo sabe...
    forwarders{
        8.8.8.8;
        8.8.4.4;
    };
    allow-transfer{
        192.168.2.152;
    };
    allow-notify {192.168.2.152;};
};

zone "." {
    type hint;
    file "named.ca";
};

zone "curso.esp"{
    type master;
    allow-update {
        192.168.2.0/24;
    };
    file "db.curso";
};

zone "2.168.192.IN-ADDR.ARPA"{
    type master;
    allow-update {
        192.168.2.0/24;
    };
    file "db.192.168.2";
};
```

```
};
```

db.curso

```
$ORIGIN .
$TTL 259200 ; 3 days
curso.esp      IN SOA      sercentos7.curso.esp. root.curso.esp. (
                2021022502 ; serial
                86400      ; refresh (1 day)
                7200       ; retry (2 hours)
                2592000    ; expire (4 weeks 2 days)
                172800     ; minimum (2 days)
                )
                NS        orion.curso.esp.
                NS        sercentos7.curso.esp.
                MX        3 trasgu.curso.esp.
$ORIGIN curso.esp.
agendapc5      CNAME      pc5
curso          A          192.168.2.3
fresnosa       CNAME      trasgu
localhost      A          127.0.0.1
pc2            A          192.168.2.8
pc3            A          192.168.2.10
portalpc12     CNAME      pc12
portatil       A          192.168.2.2
trasgu         A          192.168.2.150
orion          A          192.168.2.152
webalizerpc12 CNAME      pc12
sercentos7     A          192.168.2.5
```

db.192.168.2

```
$TTL 259200 ; 3 days
2.168.192.IN-ADDR.ARPA. IN SOA      sercentos7.curso.esp. root.curso.esp. (
                2021022501 ; serial
                86400      ; refresh (1 day)
                7200       ; retry (2 hours)
                2592000    ; expire (4 weeks 2 days)
                172800     ; minimum (2 days)
                )
2.168.192.IN-ADDR.ARPA. NS         orion.curso.esp.
2.168.192.IN-ADDR.ARPA. NS         sercentos7.curso.esp.
2.168.192.IN-ADDR.ARPA. MX        3 sercentos7.curso.esp.

150            IN      PTR        trasgu.curso.esp.
5              IN      PTR        sercentos7.curso.esp.
152            IN      PTR        orion.curso.esp.
8              IN      PTR        pc2.curso.esp.
```

named.ca

```
;      This file holds the information on root name servers needed to
;      initialize cache of Internet domain name servers
```

```

;      (e.g. reference this file in the "cache . <file>"
;      configuration file of BIND domain name servers).
;
;      This file is made available by InterNIC
;      under anonymous FTP as
;          file           /domain/named.cache
;          on server      FTP.INTERNIC.NET
;      -OR-              RS.INTERNIC.NET
;
;      last update:      Jan 29, 2004
;      related version of root zone:  2004012900
;
;
; formerly NS.INTERNIC.NET
;
.           3600000   IN   NS       A.ROOT-SERVERS.NET.
A.ROOT-SERVERS.NET. 3600000   A       198.41.0.4
;
; formerly NS1.ISI.EDU
;
.           3600000   NS       B.ROOT-SERVERS.NET.
B.ROOT-SERVERS.NET. 3600000   A       192.228.79.201
;
; formerly C.PSI.NET
;
.           3600000   NS       C.ROOT-SERVERS.NET.
C.ROOT-SERVERS.NET. 3600000   A       192.33.4.12
;
; formerly TERP.UMD.EDU
;
.           3600000   NS       D.ROOT-SERVERS.NET.
D.ROOT-SERVERS.NET. 3600000   A       128.8.10.90
;
; formerly NS.NASA.GOV
;
.           3600000   NS       E.ROOT-SERVERS.NET.
E.ROOT-SERVERS.NET. 3600000   A       192.203.230.10
;
; formerly NS.ISC.ORG
;
.           3600000   NS       F.ROOT-SERVERS.NET.
F.ROOT-SERVERS.NET. 3600000   A       192.5.5.241
;
; formerly NS.NIC.DDN.MIL
;
.           3600000   NS       G.ROOT-SERVERS.NET.
G.ROOT-SERVERS.NET. 3600000   A       192.112.36.4
;
; formerly AOS.ARL.ARMY.MIL
;
.           3600000   NS       H.ROOT-SERVERS.NET.
H.ROOT-SERVERS.NET. 3600000   A       128.63.2.53
;
; formerly NIC.NORDU.NET
;
.           3600000   NS       I.ROOT-SERVERS.NET.

```

```
I.R00T-SERVERS.NET.      3600000      A      192.36.148.17
;
; operated by VeriSign, Inc.
;
.      3600000      NS      J.R00T-SERVERS.NET.
J.R00T-SERVERS.NET.      3600000      A      192.58.128.30
;
; operated by RIPE NCC
;
.      3600000      NS      K.R00T-SERVERS.NET.
K.R00T-SERVERS.NET.      3600000      A      193.0.14.129
;
; operated by ICANN
;
.      3600000      NS      L.R00T-SERVERS.NET.
L.R00T-SERVERS.NET.      3600000      A      198.32.64.12
;
; operated by WIDE
;
.      3600000      NS      M.R00T-SERVERS.NET.
M.R00T-SERVERS.NET.      3600000      A      202.12.27.33
; End of File
```

[/etc/resolv.conf](#)

```
nameserver 192.168.2.5
nameserver 192.168.2.152
search curso.esp
domain curso.esp
```

/etc/sysconfig/network-scripts/icfg-enp0s3 → PEERDNS=No (para que no sobrescriba el **resolv.conf**)

- dig

DNS: Laboratorio

- DOC: Material Practicas LPIC-2/LPIC-202/1-Domain Name Server/2-Laboratorio DNS RedHat7.pdf

```
• options {
    directory "/var/named";
    forwarders{
        8.8.8.8;
        192.168.2.1;
    };
// allow-transfer{
//     192.168.2.5;
//     192.168.2.3;
// };
//
};

zone "." {
```

```
type hint;
file "named.ca";
};
zone "curso.esp"{
type slave;
file "slaves/db.curso";
masters { 192.168.2.5; };
};

zone "2.168.192.IN-ADDR.ARPA"{
type slave;
file "slaves/db.192.168.2";
masters { 192.168.2.5; };
};
```

- [/etc/resolv.conf](#)

```
nameserver 192.168.2.5
search curso.esp
domain curso.esp
```

- cp named.ca /var/named/chroot/var/named/
- cp named.conf /var/named/chroot/etc/
- mkdir /var/named/chroot/var/named/slaves
- chmod -R 770 /var/named/chroot/var/named/slaves
- chown -R named:named /var/named/chroot/var/named/slaves
- service named restart ← centos6 sin systemctl

From:

<https://miguelangel.torresegea.es/wiki/> - **miguel angel torres egea**

Permanent link:

<https://miguelangel.torresegea.es/wiki/info:cursos:pue:lpic2-2021:s9?rev=1614707579>

Last update: **02/03/2021 09:52**

