Práctica: Instalación y configuración de zonas DNS

Emiliano Montesdeoca del Puerto

Muestra la configuración del servidor que has realizado.

```
;
;   Database file simpson15.edu.dns for Default zone scope in zone simpson15.edu.
;       Zone version:   19
;

@                       IN  SOA homer. hostmaster. (
                                        19              ; serial number
                                        900             ; refresh
                                        600             ; retry
                                        86400           ; expire
                                        3600          ) ; default TTL

;|
;   Zone NS records
;

@                       NS      homer.
homer.                  A       10.0.15.1
@                       NS      marge.
marge.                  A       10.0.15.2

;
;   Zone records
;

bart                    A       10.0.15.10
buzon                   MX      10      10.0.15.2
casa                    A       10.0.15.1
homer                   A       10.0.15.1
lisa                    A       10.0.15.11
maggie                  A       10.0.15.12
marge                   A       10.0.15.2
misdatos                A       10.0.15.2
www                     A       10.0.15.1
```

```
;
;   Database file 15.0.10.in-addr.arpa.dns for Default zone scope in zone 15.0.10.in-addr.arpa.
;       Zone version:   15
;

@                           IN   SOA homer. hostmaster. (
                                        15              ; serial number
                                        900             ; refresh
                                        600             ; retry
                                        86400           ; expire
                                        3600           ) ; default TTL

;
;   Zone NS records
;

@                           NS        homer.


;
;   Zone records
;

1                           PTR       www.simpson15.edu.
                            PTR       casa.simpson15.edu.
                            PTR       homer.simpson15.edu.
10                          PTR       bart.simpson15.edu.
11                          PTR       lisa.simpson15.edu.
12                          PTR       maggie.simpson15.edu.
2                           PTR       marge.simpson15.edu.
                            PTR       misdatos.simpson15.edu.
```

Además realiza consultas con dig y nslookup desde un cliente a los nombres que has creado.

```
root@marge:/home/emi# nslookup marge.simpson15.edu
Server:          127.0.0.1
Address:         127.0.0.1#53

Name:    marge.simpson15.edu
Address: 10.0.15.2

root@marge:/home/emi# nslookup bart.simpson15.edu
Server:          127.0.0.1
Address:         127.0.0.1#53

Name:    bart.simpson15.edu
Address: 10.0.15.10

root@marge:/home/emi# nslookup maggie.simpson15.edu
Server:          127.0.0.1
Address:         127.0.0.1#53

Name:    maggie.simpson15.edu
Address: 10.0.15.12

root@marge:/home/emi# nslookup buzon.simpson15.edu
Server:          127.0.0.1
Address:         127.0.0.1#53

*** Can't find buzon.simpson15.edu: No answer

root@marge:/home/emi# nslookup www.simpson15.edu
Server:          127.0.0.1
Address:         127.0.0.1#53

Name:    www.simpson15.edu
Address: 10.0.15.1

root@marge:/home/emi#
```

```
root@marge:/home/emi# dig buzon.simpson15.edu

; <<>> DiG 9.10.3-P4-Ubuntu <<>> buzon.simpson15.edu
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 42621
;; flags: qr aa rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;buzon.simpson15.edu.            IN      A

;; AUTHORITY SECTION:
simpson15.edu.          3600    IN      SOA     homer. hostmaster. 19 900 600 86400 3600

;; Query time: 0 msec
;; SERVER: 127.0.0.1#53(127.0.0.1)
;; WHEN: Fri Oct 20 05:36:34 PDT 2017
;; MSG SIZE  rcvd: 99

root@marge:/home/emi# _
```