

# Ejercicio tema 4 (documentación)

## Contenido

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### DNS

Instalar el servicio Bind9:

Cambiar dns y sufijo dns:

Editar el fichero named.conf.local

```
Sudo nano /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 "josue.local" {
```

```
    type master;
```

```
    file "/etc/bind/db.josue.local";
```

```
};
```

```
zone "3.168.192.in-addr.arpa" {
```

```
    type master;
```

```
    file "/etc/bind/db.3.168.192.in-addr.arpa";
```

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```
};
```

Checkear los ficheros de configuración:

```
Sudo named-checkconf
```

Posteriormente creamos la BBDD que almacena los registros de los recursos:

```
Sudo nano /etc/bind.db.josue.local
```

```
; BIND data for josue.local
```

```
;
```

```
$TTL 604800
```

```
@ IN SOA JMF-USED.josue.local. root.localhost. (
```

```
1 ; Serial
```

```
604800 ; Refresh
```

```
86400 ; Retry
```

```
2419200 ; Expire
```

```
3600 ) ; Negative Cache TTL
```

```
;
```

```
@ IN NS JMF-USED.josue.local.
```

```
; Registros Host
```

```
@ IN A 192.168.3.212
```

```
JMF-USED IN A 192.168.3.212
```

```
; Registros Alias
```

```
daw201 IN CNAME JMF-USED.josue.local.
```

```
daw202 IN CNAME JMF-USED.josue.local.
```

```
daw203 IN CNAME JMF-USED.josue.local.
```

```
daw204 IN CNAME JMF-USED.josue.local.
```

```
www.daw201 IN CNAME JMF-USED.josue.local.
```

```
www.daw202 IN CNAME JMF-USED.josue.local.
```

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```
www.daw203    IN    CNAME  JMF-USED.josue.local.
```

```
www.daw204    IN    CNAME  JMF-USED.josue.local.
```

Crear la zona inversa copiando la zona directa:

```
sudo cp /etc/bind/db.josue.local /etc/bind/3.168.192.in-addr.arpa
```

Editamos el fichero, eliminamos los registros CNAME y cambiamos los A por PTR

```
;
; BIND data for 2.168.192.in-addr.arpa
;
$TTL 604800
@      IN SOA  JMF-USED.josue.local. root.localhost. (
        1      ; Serial
        604800 ; Refresh
        86400  ; Retry
        2419200 ; Expire
        3600 ) ; Negative Cache TTL
;
@      IN  NS   JMF-USED.josue.local.

; Registros Punteros
212    IN  PTR  josue.local.
212    IN  PTR  JMF-USED.josue.local.
```

Check de zonas:

```
Sudo named-checkzone josue.local /etc/bind/db.josue.local
```

```
Sudo named-checkzone 3.168.192.in-addr.arpa /etc/bind/db.3.168.192.in-addr.arpa
```

Reiniciamos el servicio.

