

Instalar servidor DNS

```
apt install bind9
```

Instalar herramientas para DNS

```
apt install dnsutils
```

Cambiarse a la carpeta de configuración de DNS

```
cd /etc/bind
```

Editar named.conf.local

```
nano 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 "tiburcio.org" {  
    type master;  
    file "/etc/bind/tiburcioorg.di";  
};  
  
zone "1.168.192.in-addr.arpa" {  
    type master;  
    file "/etc/bind/tiburcioorg.in";  
};
```

Checar que named-conf.local sea correcto

```
named-checkconf
```

Editar archivo de resolución directa

```
cp db.local tiburcioorg.di
nano tiburcioorg.di
```

```
;  
; BIND data file for local loopback interface  
;  
$TTL      604800  
@ IN SOA tiburcio.org. root.tiburcio.org. (  
        2      ; Serial  
        604800 ; Refresh  
        86400  ; Retry  
        2419200 ; Expire  
        604800 ) ; Negative Cache TTL  
;  
@ IN NS tiburcio.org.  
@ IN A 192.168.1.66  
www IN A 192.168.1.66  
server IN A 192.168.1.66  
alfa IN A 192.168.1.67  
beta IN A 192.168.1.68  
gama IN A 192.168.1.69  
@ IN AAAA ::1
```

Editar archivo de resolución inversa

```
cp db.127 tiburcioorg.in
nano tiburcioorg.in
```

```
;
; BIND reverse data file for local loopback interface
;
$TTL      604800
@        IN      SOA  tiburcio.org. root.tiburcio.org. (
                        1      ; Serial
                        604800 ; Refresh
                        86400  ; Retry
                        2419200 ; Expire
                        604800 ) ; Negative Cache TTL
;
@        IN      NS   tiburcio.org.
1.0.0    IN      PTR  tiburcio.org.
66       IN      PTR  server.tiburcio.org.
67       IN      PTR  alfa.tiburcio.org.
68       IN      PTR  beta.tiburcio.org.
69       IN      PTR  gama.tiburcio.org.
```

Verificar que los archivos sean correctos

```
named-checkzone tiburcio.org /etc/bind/tiburcioorg.db
named-checkzone tiburcio.org /etc/bind/tiburcioorg.in
```

Reiniciar servicio de DNS

```
service named restart
```

Probar con dig, host o lookup

Nota: Indicar el servidor DNS en /etc/resolv.conf si la prueba es en un cliente UBUNTU