

DNS Server

Pastikan kalian sudah melakukan konfigurasi router static / dhcp

1. Install paket dns

```
root@aril:~# apt-get install bind9
```

2. Masuk ke directory /etc/bind/

```
root@aril:~# cd /etc/bind/
```

3. Edit file named.conf.local

```
root@aril:/etc/bind# nano named.conf.local
```

4. Tambahkan perintah berikut di baris paling bawa

```
//  
// Consider adding the 1918 zones here, if they are not used in your  
// organization  
//include "/etc/bind/zones.rfc1918";  
  
zone "aril20.net" {  
    type master;  
    file "/etc/bind/db.aril20";  
};  
  
zone "1.168.192.in-addr.arpa" {  
    type master;  
    file "/etc/bind/db.192";  
};
```

5. Copy db.127 ke db.192

```
root@aril:/etc/bind# cp db.127 db.192
```

6. Copy db.local ke db.aril20

```
root@aril:/etc/bind# cp db.local db.aril20
```

7. Edit file db.aril20

```
root@aril:/etc/bind# nano db.aril20
```

8. Ikuti contoh dibawah

```
;  
; BIND data file for local loopback interface  
;  
$TTL 604800  
@ IN SOA localhost. root.localhost. (  
    2 ; Serial  
    604800 ; Refresh  
    86400 ; Retry  
    2419200 ; Expire  
    604800 ) ; Negative Cache TTL  
;  
@ IN NS localhost.  
@ IN A 127.0.0.1  
@ IN AAAA ::1
```

*Menjadi seperti ini

```
;  
; BIND data file for local loopback interface  
;  
$TTL 604800  
@ IN SOA aril20.net. root.aril20.net. (  
    2 ; Serial  
    604800 ; Refresh  
    86400 ; Retry  
    2419200 ; Expire  
    604800 ) ; Negative Cache TTL  
;  
@ IN NS aril20.net.  
@ IN A 192.168.1.1  
@ IN MX 2 mail.aril20.net  
  
ns1 IN A 192.168.1.1  
www IN A 192.168.1.1  
ftp IN A 192.168.1.1  
mail IN A 192.168.1.1
```

9. Edit file db.192

```
root@aril:/etc/bind# nano db.192
```

10. Ikuti contoh dibawah

```
;
; BIND reverse data file for local loopback interface
;
$TTL      604800
@         IN      SOA      localhost. root.localhost. (
                        1      ; Serial
                        604800  ; Refresh
                        86400   ; Retry
                        2419200 ; Expire
                        604800 ) ; Negative Cache TTL
;
@         IN      NS       localhost.
1.0.0     IN      PTR      localhost.
```

*menjadi seperti ini

```
;
; BIND reverse data file for local loopback interface
;
$TTL      604800
@         IN      SOA      aril20.net. root.aril20.net. (
                        1      ; Serial
                        604800  ; Refresh
                        86400   ; Retry
                        2419200 ; Expire
                        604800 ) ; Negative Cache TTL
;
@         IN      NS       aril20.net.
1         IN      PTR      aril20.net.
```

11. Restart paket bind9

```
root@aril:/etc/bind# /etc/init.d/bind9 restart
```

12. Daftarkan domain di directory /etc/resolv.conf

```
root@aril:/etc/bind# nano /etc/resolv.conf
```

13. Tambahkan IP eth1, dan domain kita

```
nameserver 192.168.1.1
domain aril20.net
search aril20.net
nameserver 192.168.200.1
nameserver 192.168.130.1
nameserver 8.8.8.8
nameserver 8.8.4.4
```

14. Tes apakah sudah berhasil dengan mengetikan nslookup + domain kita

```
root@aril:/etc/bind# nslookup aril20.net
Server:      192.168.1.1
Address:     192.168.1.1#53

Name:   aril20.net
Address: 192.168.1.1
```

Berhasil.