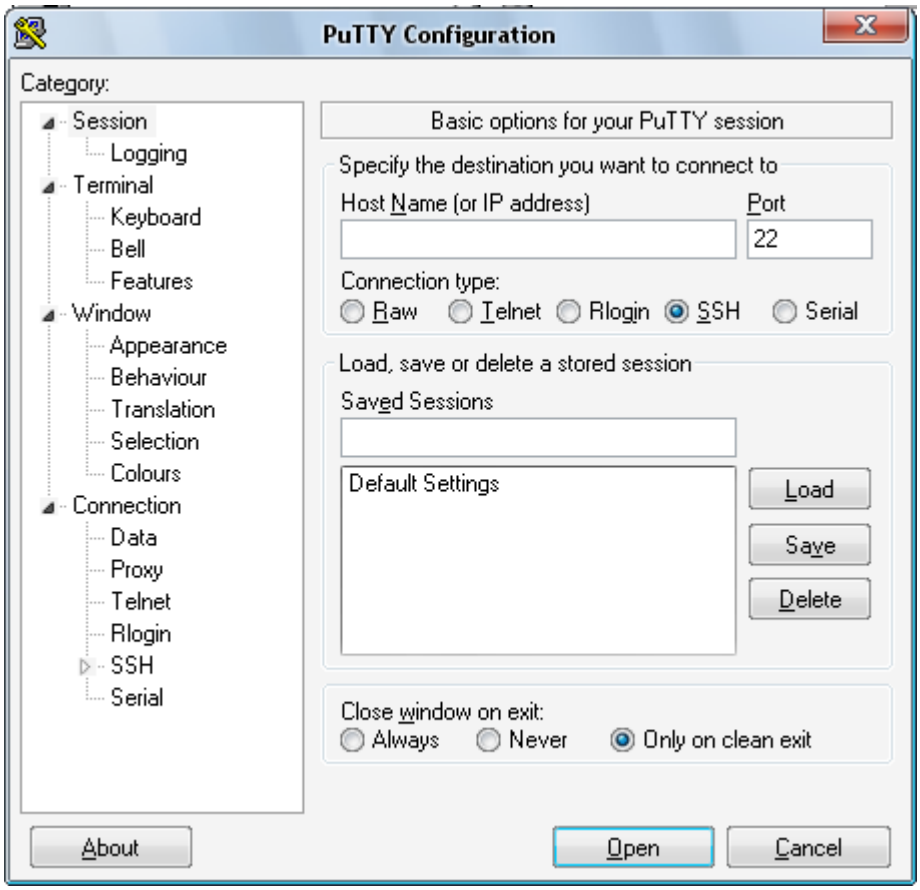
BAB III

PEMBAHASAN

3.1 Langkah-langkah untuk mengkonfigurasi DNS server

3.1.1 Login ke server

- Pertama-tama masuk ke VMware futty untuk login



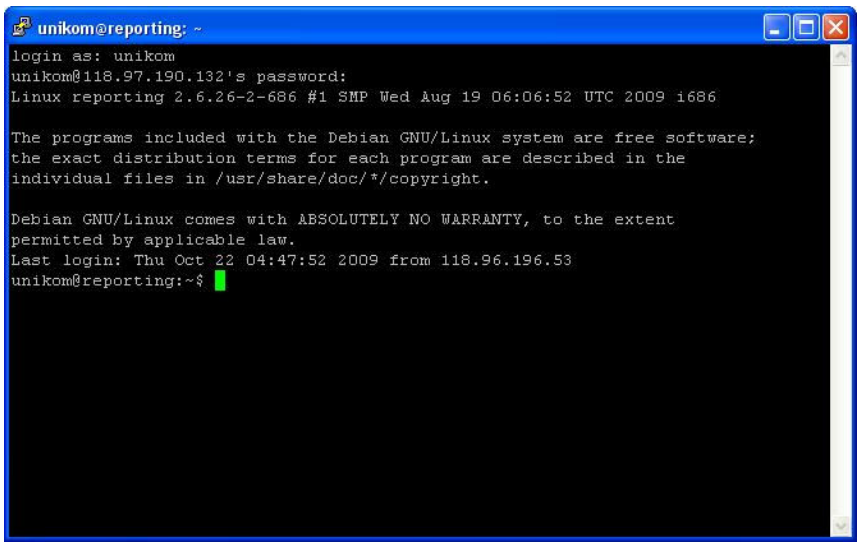
Gambar 3. 1 Tampilan Login

- Setelah itu mengisi hostname(or IP addres) dengan IP 192.168.2.3
- Lalu klik tombol open
- Setelah login akan muncul command prompt

3.1.2 Perintah mengkonfigurasi

Langkah untuk membangun server DNS adalah sebagai berikut :

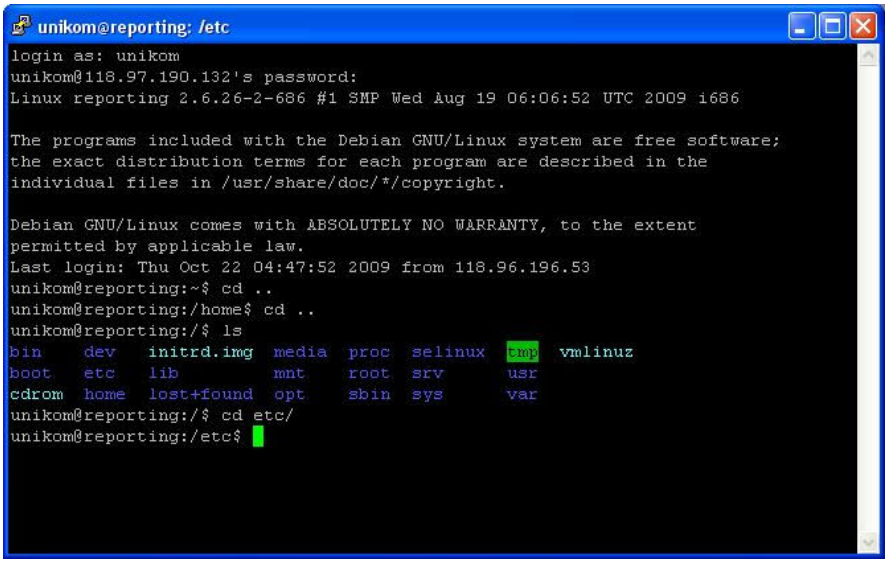
1. Login dengan user root.



Gambar 3. 2 Login dengan root

2. Masuk kedalam folder /etc/

   [unikom@reporting]#cd /etc/



Gambar 3. 3 Tampilan Folder ETC

3. Edit file named.conf yang ada didalam folder :

   [unikom@reporting]#vi named.conf



Gambar 3. 4 Tampilan Edit named.conf

4. Tambahkan skrip pada baris sebelum sintaks include “/etc/rndc.key”;

   zone “edukasi.infonet” IN {

type master;

file “litbang.lpse.jabarprov.go.id”;

allow-update { none; };

};

zone “2.18.182.n-addr.arpa” IN {

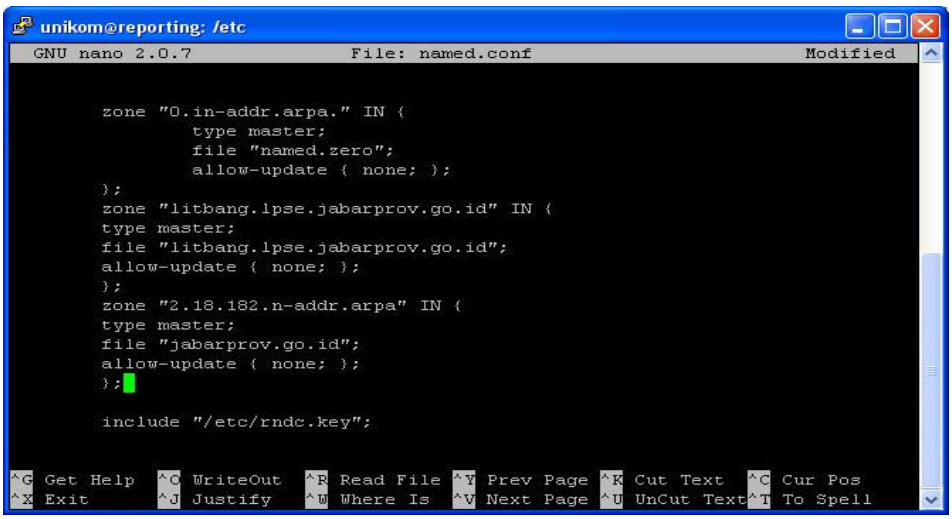
type master;

file “litbang.lpse.jabarprov.go.id”;

allow-update { none; };

};

Setelah itu tulis kedua zone diatas, kemudian simpan dan keluar dengan mengetikkan **:wq**



Gambar 3. 5 Tampilan Setelah di Sintaks

5. Berpindah ke folder /var/named/chroot/var/named/

   [unikom@reporting]#cd /var/named/chroot/var/named <*enter*>

   [unikom@reporting]/named$

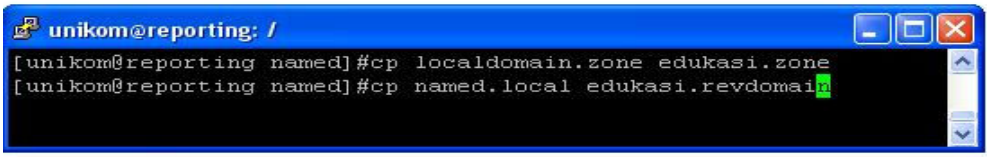


Gambar 3. 6 Tampilan Pindah Folder

6. Salin file localdomain.zone menjadi edukasi.zone, dan named.local menjadi edukasi.revdomain

   [unikom@reporting]/named$ cp localdomain.zone litbang.lpse.jabarprov.go.id

   [unikom@reporting]/named$ cp named.local litbang.lpse.jabarprov.go.id



Gambar 3. 7 Tampilan Salin File

7. Edit file litbang.lpse.jabarprovi.zone menjadi berikut ini :

   [unikom@reporting]/named$ nano litbang.lpse.jabarprov.go.id

8. Sesuaikan dengan konfigurasi:

   $TTL 86400

   @ IN SOA ns.litbang.lpse.jabarprov.infonet

   root.litbang.lpse.jabarprovi.infonet (

   2009032200 ; serial (d. lpse)

   3H ; refresh

   15M ; retry

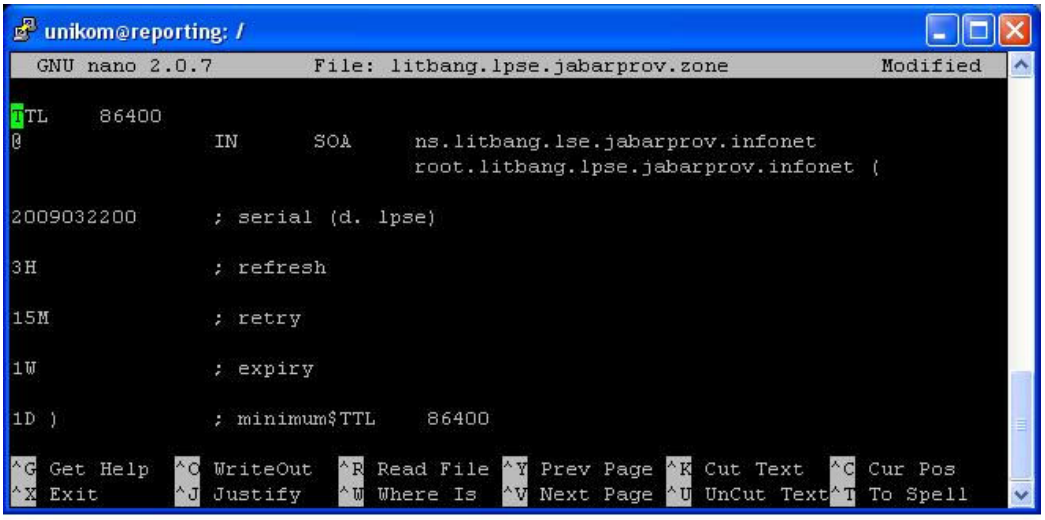
   1W ; expiry

   1D) ; minimum

```
        IN      NS      ns.litbamh.lpse.jabarprov.infonet
ns      IN      A       182.18.2.1

www     IN      CNAME           ns
```

Setelah selesai mengetikkan skrip diatas, kemudian simpan dan keluar dengan menggunakan **^x**



Gambar 3. 8 Tampilan litbang.lpse.jabarprov.zone

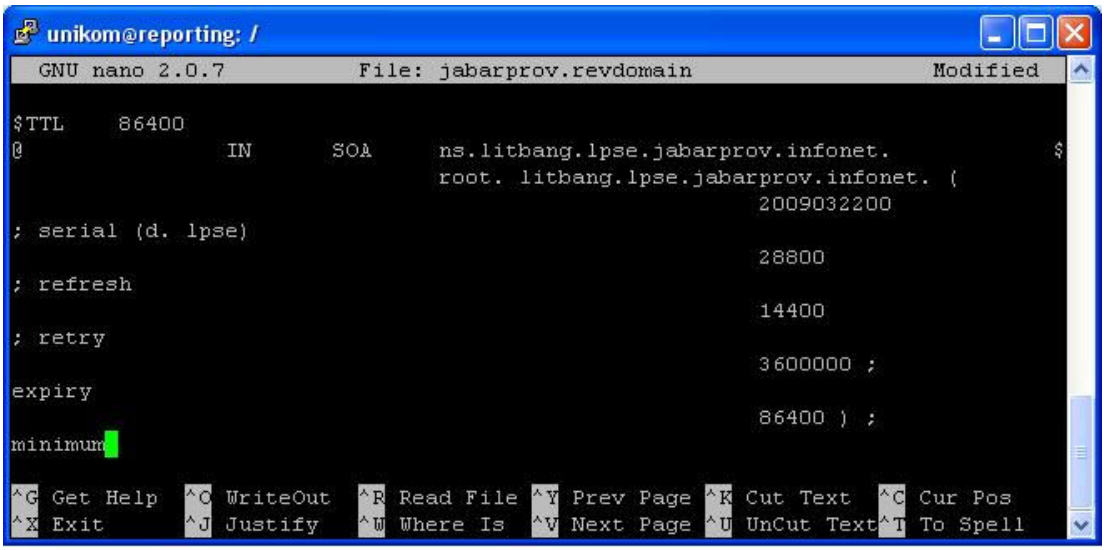
9. Edit file edukasi.revdomain:

   [unikom@reporting]/named$ nano jabarprov.revdomain

10. Sesuaikan dengan konfigurasi:

```
$TTL    86400
@       IN      SOA     ns.litbang.lpse.jabarprov.infonet.
                        root.litbang.lpse.jabarprov.infonet. (
                                        2009032200      ; serial (d. lpse)
                                        28800           ; refresh
                                        14400           ; retry
                                        3600000         ; expiry
                                        86400 )         ; minimum
        IN      NS      ns. litbang.lpse.jabarprov.infonet.
1       IN      PTR     www. litbang.lpse.jabarprov.infonet.
```

ketika sudah selesai mengetikkan skrip diatas, kemudian simpan dan keluar dengan menggunakan **^x**

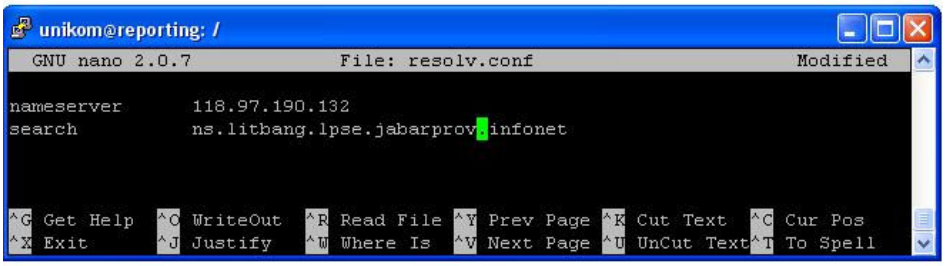


Gambar 3. 9 Tampilan revdomain

11. Edit file resolv.conf yang ada didalam folder /etc/

    [unikom@reporting]/named$ cd /etc/ <*enter*>

    [unikom@reporting]/etc$ nano resolv.conf



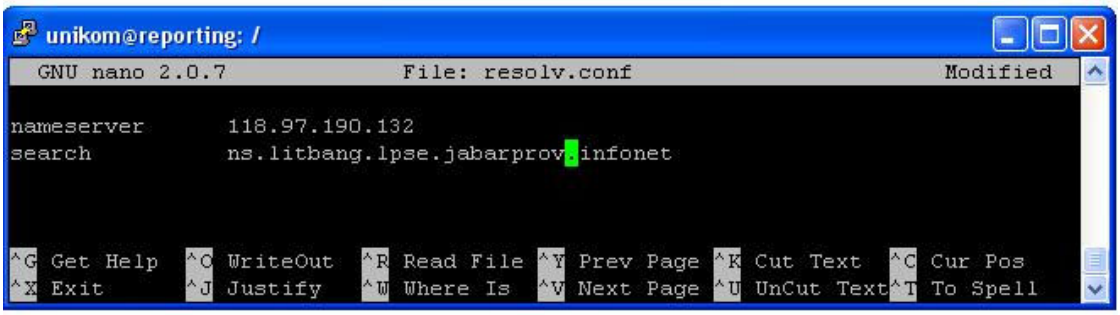
Gambar 3. 10 Tampilan Resolf conf

12. Sesuaikan dengan konfigurasi berikut ini :

    nameserver 118.97.190.132

    search ns.litbang.lpse.jabarprov.infonet

    ketika sudah selesai mengetikkan skrip diatas, kemudian simpan dan keluar dengan menggunakan **:wq**



Gambar 3. 11 Tampilan Sesudah di Edit

13. Jalankan server DNS dengan mengetikkan perintah :

    [unikom@reporting]/etc$ etc/init.d/named start

    Starting named : [OK]



Gambar 3. 12 Tampilan Jalankan Server

File konfigurasi named.conf

```
options {
        directory "/etc/namedb";
      allow-query {
              any;
      };

        forwarders {
              202.134.2.5;
              202.134.0.155;
           202.155.0.10;
           202.155.0.15;
           202.155.0.20;

        };
};

zone "." {
        type hint;
        file "named.root";
};
```

```
zone "0.0.127.IN-ADDR.ARPA" {
        type master;
        file "localhost.rev";
};


zone "jabar.go.id" {
      type master;
      file "m/jabar.go.id.bak";
      allow-query {any;};
      allow-update { none; };
      allow-transfer {
                203.130.242.108;
      };

};

zone "jabarprov.go.id" {
      type master;
      file "m/jabarprov.go.id.bak";
      allow-query {any;};
      allow-update { none; };
      allow-transfer {
```

```
                203.130.242.108;
        };


};
```

File konfigurasi jabarprov.go.id.bak

```
;       From: @(#)localhost.rev        5.1 (Berkeley) 6/30/90
; $FreeBSD: src/etc/namedb/PROTO.localhost.rev,v 1.6 2000/01/10 15:31:40 peter
Exp $
;
; This file is automatically edited by the `make-localhost' script in
; the /etc/namedb directory.
;

$TTL   3600

@       IN      SOA    ns1.jabarprov.go.id. root.ns1.jabarprov.go.id.  (
                                2007041203    ; Serial
                                3600    ; Refresh
                                900     ; Retry
                                3600000         ; Expire
                                3600 )  ; Minimum
;Domain Name Server
jabarprov.go.id.      IN      NS      ns1.jabarprov.go.id.
jabarprov.go.id.      IN      NS      ns2.jabarprov.go.id.
;MX
```

```
jabarprov.go.id.      IN      MX   5  mx1.jabarprov.go.id.
jabarprov.go.id.      IN      MX   10 mx2.jabarprov.go.id.
;Host
router.jabarprov.go.id.                 IN      A       222.124.16.146
proxy.jabarprov.go.id.                  IN      A       222.124.16.152
ns1.jabarprov.go.id.                    IN      A       222.124.16.148
mx1.jabarprov.go.id.                    IN      A       222.124.16.148
CoreFrozen.jabarprov.go.id.                     IN      A       222.124.16.148
mail.jabarprov.go.id.                   IN      A       222.124.16.148
mitrabudpar.jabarprov.go.id.            IN      A       222.124.16.151
www.mitrabudpar.jabarprov.go.id.        IN      CNAME   mitrabudpar
portal.jabarprov.go.id.                 IN      A       222.124.16.150
www.portal.jabarprov.go.id.             IN      CNAME   portal
www.jabarprov.go.id.                    IN      A       203.130.242.106
jabarprov.go.id.                        IN      A       203.130.242.106
database.jabarprov.go.id                IN      A       203.130.242.109
gerbang.jabarprov.go.id.        IN      A       203.130.242.107
www.gerbang.jabarprov.go.id.            IN      CNAME   gerbang
bapesitelda1                            IN      A       203.130.242.107
phpdb.gerbang.jabarprov.go.id.          IN      A       203.130.242.107
www.bapesitelda1                        IN      A       203.130.242.107
bapesitelda                             IN      A       203.130.242.111
www.bapesitelda                                 IN      A       203.130.242.111
```

```
pemprov                 IN      A       222.124.16.149
dispenda                IN      A       222.124.16.149
www.dispenda                    IN      CNAME   dispenda
dispertan               IN      A       219.83.124.2
www.dispertan                   IN      CNAME   dispertan
mail.dispertan          IN      CNAME   dispertan
diperta                 IN      A       219.83.124.2
www.diperta             IN      CNAME   diperta
mail.diperta            IN      CNAME   diperta
perwakilan1             IN      A       222.124.16.153
www.perwakilan1                 IN      CNAME   perwakilan1
perwakilan              IN      A       203.130.242.111
www.perwakilan                  IN      CNAME   perwakilan
disnak                  IN      A       219.83.124.2
www.disnak              IN      CNAME   disnak
mail.disnak     IN      A       219.83.124.2
;dispolpp               IN      A       222.124.16.149
;www.dispolpp                   IN      CNAME   dispolpp
dispolpp                IN      A       203.130.242.111
www.dispolpp            IN      CNAME   dispolpp
cybermedia              IN      A       203.77.222.243
www.cybermedia                  IN      CNAME   cybermedia
biro-kepegawaian        IN      A       202.138.225.250
```

www.biro-kepegawaian IN CNAME 202.138.225.250

sonar.jabarprov.go.id. IN A 203.130.242.107

ns2.jabarprov.go.id. IN A 203.130.242.108

mx2.jabarprov.go.id. IN A 203.130.242.108

;disbinmar IN A 203.130.198.33

;www.disbinmar IN A 203.130.198.33

basipda IN A 202.159.8.58

www.basipda IN A 202.159.8.58

perekonomian IN A 222.124.16.155

www.perekonomian IN A 222.124.16.155

sosbudpol IN A 222.124.16.155

www.sosbudpol IN A 222.124.16.155

pramuka IN A 203.130.242.107

www.pramuka IN A 203.130.242.107

birodesen IN A 203.130.242.111

www.birodesen IN A 203.130.242.111

birodekon IN A 203.130.242.111

www.birodekon IN A 203.130.242.111

birohukum IN A 203.130.242.111

www.birohukum IN A 203.130.242.111

biroekonomi IN A 203.130.242.111

www.biroekonomi IN A 203.130.242.111

birobinprod	IN	A	203.130.242.111
www.birobinprod	IN	A	203.130.242.111
ketapa.birobinprod	IN	A	203.130.242.111
www.ketapa.birobinprod	IN	A	203.130.242.111
birodalprog	IN	A	203.130.242.111
www.birodalprog	IN	A	203.130.242.111
biroyansos	IN	A	203.130.242.111
www.biroyansos	IN	A	203.130.242.111
birobangsos	IN	A	203.130.242.111
www.birobangsos	IN	A	203.130.242.111
biroorg	IN	A	203.130.242.111
www.biroorg	IN	A	203.130.242.111
birokepeg	IN	A	203.130.242.111
www.birokepeg	IN	A	203.130.242.111
birokeu	IN	A	203.130.242.111
www.birokeu	IN	A	203.130.242.111
biroumum	IN	A	203.130.242.111
www.biroumum	IN	A	203.130.242.111
setda	IN	A	203.130.242.111
www.setda	IN	A	203.130.242.111
setwan	IN	A	203.130.242.111

www.setwan	IN	A	203.130.242.111
;bapeda	IN	A	202.51.232.116
;www.bapeda	IN	A	202.51.232.116
balitbangda	IN	A	203.130.242.111
www.balitbangda	IN	A	203.130.242.111
;bapesitelda	IN	A	203.130.242.111
;www.bapesitelda	IN	A	203.130.242.111
bawasda	IN	A	203.130.242.111
www.bawasda	IN	A	203.130.242.111
badiklatda	IN	A	203.130.242.111
www.badiklatda	IN	A	203.130.242.111
bppmd	IN	A	203.130.242.111
www.bppmd	IN	A	203.130.242.111
bplhd	IN	A	203.130.242.111
www.bplhd	IN	A	203.130.242.111
bkbpmd	IN	A	203.130.242.111
www.bkbpmd	IN	A	203.130.242.111
bakesbanglinmas	IN	A	203.130.242.111
www.bakesbanglinmas	IN	A	203.130.242.111
bpmd	IN	A	203.130.242.111
www.bpmd	IN	A	203.130.242.111
bpd	IN	A	203.130.242.111
www.bpd	IN	A	203.130.242.111

bapusda	IN	A	203.130.242.111
www.bapusda	IN	A	203.130.242.111
bakorwilbgr	IN	A	203.130.242.111
www.bakorwilbgr	IN	A	203.130.242.111
bakorwilpwk	IN	A	203.130.242.111
www.bakorwilpwk	IN	A	203.130.242.111
bakorwilcrb	IN	A	203.130.242.111
www.bakorwilcrb	IN	A	203.130.242.111
bakorwilprg	IN	A	203.130.242.111
www.bakorwilprg	IN	A	203.130.242.111
kasda	IN	A	203.130.242.111
www.kasda	IN	A	203.130.242.111
;basipda	IN	A	203.130.242.111
;www.basipda	IN	A	203.130.242.111
diskes	IN	A	203.130.242.111
www.diskes	IN	A	203.130.242.111
disdik	IN	A	203.130.242.111
www.disdik	IN	A	203.130.242.111
dissos	IN	A	203.130.242.111
www.dissos	IN	A	203.130.242.111
;dispertan	IN	A	203.130.242.111
;www.dispertan	IN	A	203.130.242.111
;disnak	IN	A	203.130.242.111

;www.disnak	IN	A	203.130.242.111
diskan	IN	A	203.130.242.111
www.diskan	IN	A	203.130.242.111
diskan1	IN	A	202.145.6.5
www.diskan1	IN	A	202.145.6.5
dishut	IN	A	203.130.242.111
www.dishut	IN	A	203.130.242.111
disbun	IN	A	203.130.242.111
www.disbun	IN	A	203.130.242.111
dishub	IN	A	203.130.242.111
www.dishub	IN	A	203.130.242.111
distarkim	IN	A	203.130.242.111
www.distarkim	IN	A	203.130.242.111
disbinmar	IN	A	203.130.242.111
www.disbinmar	IN	A	203.130.242.111
dispsda	IN	A	203.130.242.111
www.dispsda	IN	A	203.130.242.111
distamben	IN	A	203.130.242.111
www.distamben	IN	A	203.130.242.111
diskukm	IN	A	203.130.242.111
www.diskukm	IN	A	203.130.242.111
disbudpar	IN	A	203.130.242.111
www.disbudpar	IN	A	203.130.242.111

;dispenda	IN	A	203.130.242.111
;www.dispenda	IN	A	203.130.242.111
disperindag	IN	A	203.130.242.111
www.disperindag	IN	A	203.130.242.111
disnakertrans	IN	A	203.130.242.111
www.disnakertrans	IN	A	203.130.242.111
;dispolpp	IN	A	203.130.242.111
;www.dispolpp	IN	A	203.130.242.111
indagagro	IN	A	203.130.242.111
www.indagagro	IN	A	203.130.242.111
disindagagro	IN	A	203.130.242.111
www.disindagagro	IN	A	203.130.242.111
biroperlengkapan	IN	A	203.130.242.111
www.biroperlengkapan	IN	A	203.130.242.111
bapeda	IN	A	203.130.242.111
www.bapeda	IN	A	203.130.242.111
hosting	IN	A	203.130.242.107
www.hosting	IN	A	203.130.242.107
pptsp	IN	A	203.130.242.107
www.pptsp	IN	A	203.130.242.107
mpukehutanan	IN	A	72.232.21.250
www.mpukehutanan	IN	A	72.232.21.250