DNS SERVER

1. freeBSD 10.1 sudah include unbound dns server cek di "/usr/sbin/unbound",

"/etc/unbound"

2. tambahkan file "vi /etc/unbound/unbound.conf" tambahkan baris

```
padli@padli-K84L: ~
server:
        interface: 192.168.2.1
        access-control: 192.168.2.0/24 allow
        verbosity: 1

local-zone:
        "www.raisa.net." static
        local-data: "www.raisa.net. IN A 192.168.2.1"
        local-data: "raisa.net. IN A 192.168.2.1"
        local-data: "padli.raisa.net. IN A 192.168.2.5"
        local-data: "www.padli.raisa.net. IN A 192.168.2.5"

        local-data-ptr: "192.168.2.1 www.raisa.net"
        local-data-ptr: "192.168.2.5 www.padli.raisa.net"

forward-zone:
        name: "."
        forward-addr: 8.8.8.8
        forward-addr: 180.131.145.145
```

3. edit "vi /etc/rc.local" dan tambahkan baris "unbound" agar unbound start otomatis
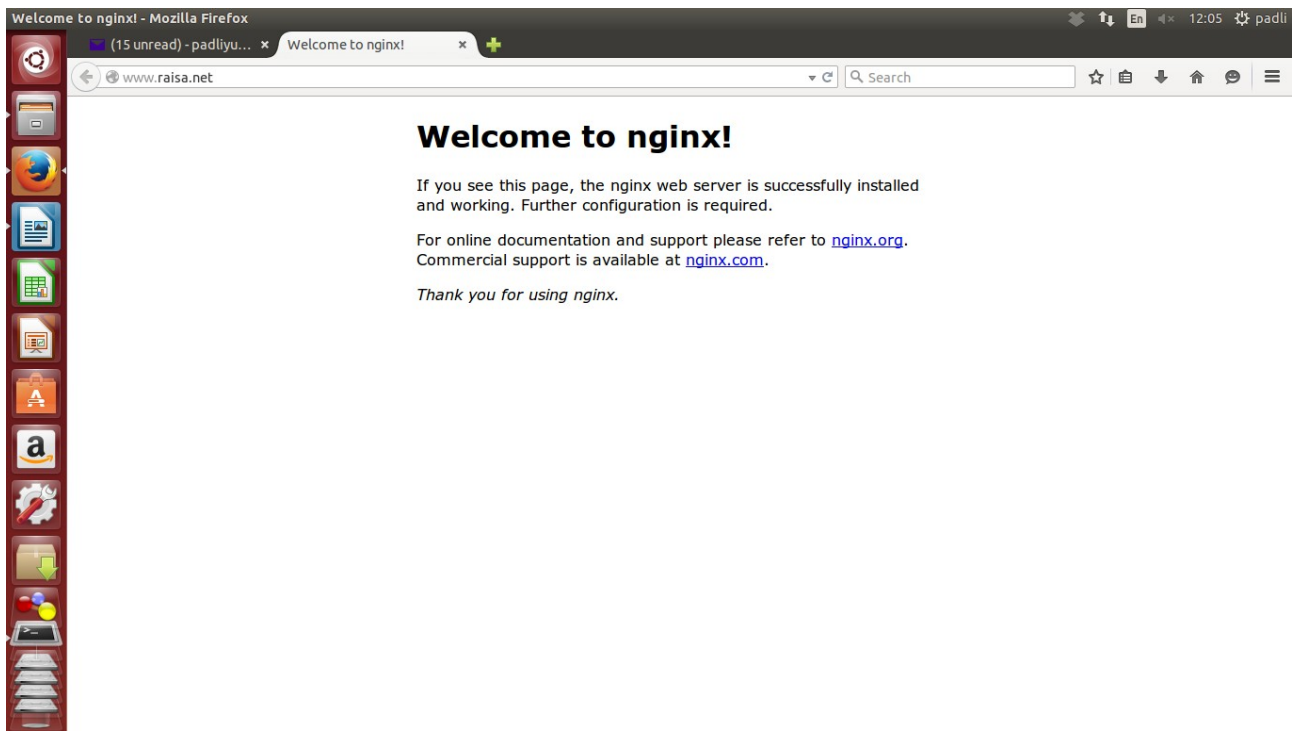
saat freebsd startup

```
padli@padli-K84L: ~
root@raisa:/ # more /etc/rc.local
unbound
root@raisa:/ #
```

4. start service unbound

```
padli@padli-K84L: ~
root@raisa:/ # unbound
root@raisa:/ # unbound
[1430023956] unbound[3592:0] error: bind: address already in use
[1430023956] unbound[3592:0] fatal error: could not open ports
root@raisa:/ #
```

5. cek koneksi (pastikan dns server client mengarah pada ip unbound server)

```
padli@padli-K84L: ~
padli@padli-K84L:~$ ifconfig eth0
eth0      Link encap:Ethernet  HWaddr 14:da:e9:ad:9f:bc
          inet addr:192.168.2.5  Bcast:192.168.2.255  Mask:255.255.255.0
          inet6 addr: fe80::16da:e9ff:fead:9fbc/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:67 errors:0 dropped:0 overruns:0 frame:0
          TX packets:190 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:7298 (7.2 KB)  TX bytes:22287 (22.2 KB)

padli@padli-K84L:~$ route -n
Kernel IP routing table
Destination     Gateway         Genmask         Flags Metric Ref    Use Iface
0.0.0.0         192.168.2.1     0.0.0.0         UG    0      0        0 eth0
192.168.2.0     0.0.0.0         255.255.255.0   U     1      0        0 eth0
padli@padli-K84L:~$ ping www.raisa.net
PING www.raisa.net (192.168.2.1) 56(84) bytes of data.
64 bytes from www.raisa.net (192.168.2.1): icmp_seq=1 ttl=64 time=0.098 ms
64 bytes from www.raisa.net (192.168.2.1): icmp_seq=2 ttl=64 time=0.150 ms
64 bytes from www.raisa.net (192.168.2.1): icmp_seq=3 ttl=64 time=0.142 ms
^C
--- www.raisa.net ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2000ms
rtt min/avg/max/mdev = 0.098/0.130/0.150/0.022 ms
padli@padli-K84L:~$ ping www.padli.raisa.net
PING www.padli.raisa.net (192.168.2.5) 56(84) bytes of data.
64 bytes from www.padli.raisa.net (192.168.2.5): icmp_seq=1 ttl=64 time=0.044 ms
64 bytes from www.padli.raisa.net (192.168.2.5): icmp_seq=2 ttl=64 time=0.070 ms
64 bytes from www.padli.raisa.net (192.168.2.5): icmp_seq=3 ttl=64 time=0.061 ms
64 bytes from www.padli.raisa.net (192.168.2.5): icmp_seq=4 ttl=64 time=0.059 ms
^C
--- www.padli.raisa.net ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3000ms
rtt min/avg/max/mdev = 0.044/0.058/0.070/0.012 ms
padli@padli-K84L:~$
```

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org. Commercial support is available at nginx.com.

Thank you for using nginx.

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