Authoritative DNS on FreeBSD (Bind)

1. cd /usr/ports/dns/bind99 # pkg -4 update -f
2. make install clean # make install; make clean
3. ee /etc/rc.conf
   1. ifconfig\_em0=”inet 192.168.0.23 netmask 255.255.255.0”
   2. defaultrouter=”192.168.0.1”
   3. named\_enable=”YES”
4. cd /usr/local/etc/namedb/
5. cp named.conf named.conf.cp
6. ee /usr/local/etc/namedb/named.conf
   1. listen-on { 192.168.0.23; };
   2. forwarders {

127.0.0.1;

8.8.8.8;

};

* 1. zone “domain.name” { #after options{ };

type master;

file “/usr/local/etc/namedb/master/domain.db”;

};

zone “0.168.192.in-addr.arpa” {

type master;

file “/usr/local/etc/namedb/\ master/23.0.168.192.in-addr.arpa”;

notify no;

};

1. ee /usr/local/etc/namedb/master/domain.db
   1. $TTL 3600 ; 1 hour default TTL

domain.name. IN SOA local.domain.name. \ admin.domain.name. (

2006051501 ; Serial

10800 ; Refresh

3600 ; Retry

604800 ; Expire

300 ; Negative Response TTL

)

; DNS Servers

IN NS local.domain.name.

IN A 192.168.0.23

; MX Records

IN MX 10 mx.domain.name. # omitted

IN A 192.168.0.23

; Machine Names

localhost IN A 127.0.0.1

local.domain.name. IN A 192.168.0.23

; Aliases

www IN CNAME domain.name.

1. ee /usr/local/etc/namedb/master/23.0.168.192.in-addr.arpa
   1. $TTL 3600 ; 1 hour default TTL

0.168.192.in-addr.arpa. IN SOA local.domain.name.\ admin.domain.name. (

2006051501 ; Serial

10800 ; Refresh

3600 ; Retry

604800 ; Expire

300 ; Negative Response TTL

)

;

0.168.192.in-addr.arpa. IN NS local.domain.name.

23 IN PTR domain.name.

1. Edit /etc/resolv.conf

nameserver 192.168.0.23

1. Restart networking:
   1. service netif onerestart
   2. service routing onerestart
2. Start named service: /etc/rc.d/named onestart
3. Check listening services: netstat -na
4. Test DNS Server: nslookup domain.name

nslookup 192.168.0.23

dig domain.name

Source: http://shab4b.blogspot.com/2012/06/install-dns-on-freebsd.html