

Re: Setting up a FreeBSD gateway

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2006-01/msg00358.html>

- *From:* Teo De Las Heras <teoheras@xxxxxxxx>
 - *Date:* Thu, 5 Jan 2006 09:33:58 -0500
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Thanks for the information! I'm getting ready to set up BIND for the first time and this will be very useful.

Teo

On 1/4/06, Reko Turja <reko.turja@xxxxxxxx> wrote:

>
>
> ----- Original Message -----
> From: "Brian Bobowski" <bbobowski@xxxxxxxx>
> To: "FreeBSD User Questions List" <freebsd-questions@xxxxxxxx>
> Sent: Wednesday, January 04, 2006 7:44 PM
> Subject: Setting up a FreeBSD gateway
>
>> However, I don't know how to set up DNS. Specifically, I want to
>> either pass all DNS requests through the gateway, or have the gateway
>> run a local DNS that queries my ISP's DNS in turn. Can anyone point me
>> to some steps on how to set that up?
>
> If you're going to use BIND (which I recommend and which is included in
> the system) check at least the following parameters in named.conf:
>
> listen-on
> - set this to your internal IP
> forwarders
> - if you dont want to fetch every single record from the official DNS's
> and want to utilize your providers DNS cache, set this variable to point
> on your ISP's DNS servers.
> forward-only
> as you're going to have your own domain records set up be sure this is
> commented out.
>
> Basically BIND with this kind of configuration will forward queries to
> master or forwarder servers unless it has the master record itself or
> there is cached record, which is still valid.
>
> defining the localhost:
> If the machine names are set up right in your fbsd installation,

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> easiest is to use the make-localhost in the /etc/namedb directory.
>
> Then you forward zone file for your "domain" as well as reverse zones
> for the ip-ranges in use. My files are:
>
> master/mydomain.org file:
>
> \$TTL 3600
> @ IN SOA xxx.xxx.org. root.xxx.org. (
> ; we define authority as well as the base domain (first xxx.org and
> ; the administrative contact – as bind has other uses for "." the mail
> ; address is notes with dot between domain and username.
> 2005111301 ;serial
> ; good idea is to use the shown date notation, and ALWAYS bump the
> serial whatever
> ;you do to the zone files)
> 86400 ;refresh 24h
>