

Re: reverse DNS resolution...

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2007-10/msg01642.html>

- *From:* "Philip M. Gollucci" <pgollucci@xxxxxxxxxxxxx>
 - *Date:* Mon, 22 Oct 2007 17:51:33 -0400
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Eric F Crist wrote:

Hey folks,

We're trying to get reverse DNS resolution for a block of IPs (private). We've had the 10.x network working great at the office for quite some time now, but I'm having a problem getting the 172.30.x network to work.

Typing 'host <ip>' returns a valid result, however output from who, as well as other network services (IRC, apache) only see the IP. Is there something I'm missing?

Thanks for the pointers!

Well, your DNS needs to be authoritative for both forward and reverse. If you are trying to do this for less than a /24 block the zone files get messy quick because of the 8bit boundaries. You seem to be trying to do this for a /16. I'll bet you're missing the named.conf entries and related reverse zone files:

Odds are you'll want to have zones:

```
zone "1.30.172.in.addr.arpa" {
type master;
file "master/1.30.172.in.addr.arpa
notify yes;
}
....
zone "255.30.172.in.addr.arpa" {
;; or slave config since you'll have more than 1 ns
type slave;
file "slave/255.30.172.in.addr.arpa";
masters { x.y.z.a; };
}
```

Or some larger splits of that.

You're going to have give me a netmask for more help.

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```
$ORIGIN .
$TTL 3600 ; 1 hour
0.28.172.in-addr.arpa IN SOA ns1.rws. admin.Z. (
2007101800 ; Serial
10800 ; refresh (3 hours)
3600 ; retry (1 hour)
3600 ; expire (1 hour)
86400 ; minimum (1 day)
)
NS ns1.Z.
$ORIGIN 0.28.172.in-addr.arpa.
1 PTR router.Z.
.....
```

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Work like you don't need the money,
love like you'll never get hurt,
and dance like nobody's watching.

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