

configuring routing for ipv6 – simple case.

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2003-10/0222.html>

From: paul van den bergen (pvandenbergen_at_swin.edu.au)

Date: 10/27/03

To: freebsd-net@freebsd.org

Date: Mon, 27 Oct 2003 17:24:32 +1100

Hi all,

I feel like a dufus for asking because this should be simple, but I'm stuck at the point where I cannot see what I am doing...

attempting to set up an IPv6 mobile IP test bed.

currently I am using site local addresses, specifically fec0:0:0:229::, fec0:0:0:10:: and fec0:0:0:172:: for each of the three networks I wish to set up.

I do not want global connectivity as such (yet).

these are running over an existing (single) ipv4 network, so I only wish to configure IPv6 routing, etc., with no IPv4to6 or 6to4 translation.

I have 4 PCs to configure. Three are on the 229 network, one is a standalone node, the other two should be gateways to the 172 and 10 networks respectively.

AFAICS, this should be a fairly simple set up...

so, with nothing more than this, can someone please outline how to set up IPv6 routing in this situation?

I believe I should not need to use route6d or similar just to do this static routing?

to make matters somewhat complicated, I am running the KAME snap for MIP6 connectivity, which afaict requires rtadvd. does this mean that I need to set `net.inet6.ip6.accept_rtadv=1` ??? since I have `net.inet6.ip6.forwarding=1` because I am using wifi cards on the 10 and 172 networks as APs in hostap mode, is this going to cause a problem?

I did see a table of `net.inet6.ip6.forwarding` and `net.inet6.ip6.accept_rtadv` settings last week (and do you think I can find it again this week?) that suggested that having both to 1 is either invalid or experimental...

--

Dr Paul van den Bergen

freebsd-net: configuring routing for ipv6 – simple case.

Centre for Advanced Internet Architectures
caia.swin.edu.au
pvandenberg@swin.edu.au
IM:bulwynkl2002

"And some run up hill and down dale, knapping the chunky stones
to pieces wi' hammers, like so many road makers run daft.
They say it is to see how the world was made."
Sir Walter Scott, St. Ronan's Well 1824

freebsd-net@freebsd.org mailing list

<http://lists.freebsd.org/mailman/listinfo/freebsd-net>

To unsubscribe, send any mail to "freebsd-net-unsubscribe@freebsd.org"