

Re: Fedora as Router – cannot get past gateway

Source: <http://linux.derkeiler.com/Newsgroups/comp.os.linux.networking/2004-02/1607.html>

From: John A. Crouse (john_at_jcrouse.com)

Date: 02/26/04

Date: 25 Feb 2004 15:26:49 -0800

rdgentry1@cablelynx.com (P Gentry) wrote in message
news:<facb01db.0402202256.2cea0bea@posting.google.com>...
> john@jcrouse.com (John A. Crouse) wrote in message
news:<aea9b6ef.0402200807.72309cef@posting.google.com>...
>> I have a small block of public IP assigned me, and am connecting to
>> the uplink via ADSL.
>>
>> I have the DSL working, (I am using the linux box right now to write
>> this!), and my internal network can see the IP assigned to is for both
>> sides of the network (eth0 and ppp0). I can ping and traceroute to
>> each of these. They even do DNS resolution on the traceroute.
>>
>> I cannot get past that point. I have screwed with the "IP ROUTE"
>> command so much, I am suprised any routing works at all.
>
> You mean internal net cannot get out of the ppp0 interface and out to
> the internet? Double check that ip forwarding is on -- it should be,
> but always good to check. Are you using dhcp or is all config manual?
>
>> Here is my setup scenario – I've changed IP #'s to protect the
>> innocent!:
>>
>> ppp0 – 206.201.23.35 (static assigned IP via pppoe)
>
> This is your interface to ISP?

That is correct.

>
>> eth0 – 206.201.44.161 (beginning first usable of 206.201.44.160/24)
>
> This interface to internal net?

Again, correct

>
>> On the network side, I have workstations configured w/ IP's of
>> 206.201.44.162–190, and a gateway of 206.201.44.161

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> >

> > *here is my current IP Route list*

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