

Re: mail confusion

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2005-11/0936.html>

From: Jay Moore (jaymo_at_mail.bokler.com)

Date: 11/06/05

To: Derek Martin <code@pizzashack.org>

Date: Sat, 05 Nov 2005 23:55:01 -0600

On Sun, 2005-10-30 at 12:06 -0500, Derek Martin wrote:

> *On Sun, Oct 30, 2005 at 04:03:29AM -0600, Jay Moore wrote:*
> > *The problem is that the from: address "mail" is using is bogus:*
> > *"root@localhost.localdomain" Problem is that I don't know *where**
> > *mail is getting this address. Following is the error message:*
>
> *Well, it's not exactly bogus... It's what your machine is configured*
> *to use. :)*
>
> *The problem is that the hostname of your system is*
> *localhost.localdomain as determined in /etc/hosts and/or*
> */etc/resolv.conf and/or /etc/sysconfig/network, and smartd is running*
> *as root, so it will send mail out as root@localhost.localdomain. This*
> *is normal and expected.*
>
> *You need to do one of the following:*
>
> *- change the hostname of your machine to something in a real domain*
> *- configure sendmail to masquerade your hostname/domain AND get rid*
> *of root as an "exposed user"*
> *- stop trying to send mail to legitimate Internet hosts from an*
> *illegitimate Internet host. ; -)*

I don't believe you've got it, Derek. At any rate, none of the things you prescribed seem to make any difference. Here are some facts I should have provided in my OP:

This host (aria) has a dynamic IP. It is on a private net, currently @
192.168.1.207

my /etc/hosts file:

```
127.0.0.1 localhost localhost.localdomain aria.cullmail.com aria
```

my /etc/resolv.conf file:

```
; generated by /sbin/dhclient-script  
search cullmail.com  
nameserver 207.203.159.252
```

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nameserver 205.152.0.5

my /etc/sysconfig/network file:

```
NETWORKING=yes  
# HOSTNAME=localhost.localdomain  
HOSTNAME=aria.cullmail.com
```

I set up masquerading in /etc/mail/sendmail.mc, "re-compiled", re-started sendmail, re-booted, jumped up turned around three times with my left index finger on my nose while chanting "there's no place like home, there's no place like home". No dice... I even changed the .mc file so that *no reference* to localhost.localdomain existed in sendmail.cf (checked this w/ a grep).

So here's the thing: Evolution is configured to use sendmail on this host... it works fine. However 'pine' and 'mail' cannot get anything except 'localhost.localdomain' when they send mail.

Please clue me in if you can.

Jay

>
> *Probably the easiest thing to do is to change your hostname, but*
> *you'll have to pick some existing domain name to use. You'll need to*
> *change localhost.localdomain to your new hostname in all 3 of the*
> *locations I mentioned, except that you need to keep the following in*
> */etc/hosts:*
>
> *127.0.0.1 localhost localhost.localdomain*
>
> *The entry for "localhost" is required for TCP/IP networking to work*
> *properly, and Red Hat has configured some of its software to use*
> *"localhost.localdomain" (which I always thought was brain-damaged), so*
> *you'll need that in there as well.*
>
> *Let's say you choose the name myhost.mydomain.com as your new host*
> *name. If you have a static IP address, you can just add a line to*
> */etc/hosts with the new name and your IP:*
>
> *127.0.0.1 localhost localhost.localdomain*
> *10.0.0.1 myhost.mydomain.com myhost*
>
> *Otherwise if you get your Internet-facing IP address via DHCP, you'll*
> *want to add the name to the end of the 127.0.0.1 line, like this:*
>
> *127.0.0.1 localhost localhost.localdomain myhost.mydomain.com myhost*
>
> *After fixing the other two files, replacing any instances of*
> *localhost with mydomain.com and instances of localhost.localdomain*
> *with myhost.mydomain.com, you should be all set.*

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>
> *One other possibility is that you may have to change your sendmail
> configuration even if you do this. In /etc/mail/sendmail.mc, you may
> have a line that says this:*
>
> *LOCAL_DOMAIN(`localhost.localdomain')dnl*
>
> *You'll probably need to change that too, and then run "make" in
> /etc/mail, then restart sendmail. If you have that line in
> /etc/mail/submit.mc as well, you'll probably need to change it there
> too.*
>
> *HTH*
>

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