

Q: I'm sending mail via UUCP. Things work *great* from my mail server (which is also my UUCP gateway). From a mail client, though, I get error messages indicating the remote UUCP machine is unknown. The bounce message looks like this:

**Date:** Mon, 13 Apr 92 13:11:11 CDT  
**From:** Mailer-Agent (NeXT Mail Agent)  
**Subject:** Returned mail: Unable to deliver mail  
**To:** ammm

----- Transcript of session follows -----  
554 rhino!sandy... Never heard of UUCP host rhino

----- Unsent message follows -----  
¼

What's going on here?

A: One likely source of the problem is that **sendmail** might not have an uptodate notion of the known UUCP connections. If you've added the remote machine (**rhino** in the example, above) and neither rebooted the server nor restarted the **sendmail** process on the server, then

**sendmail** doesn't know about the new connection.

A **sendmail** daemon process is started when the system boots, by **/etc/rc**. When **sendmail** starts up, it runs the command **uuname** to determine the known UUCP connections. (At least, it does this with all the standard configuration files NeXT ships.) The **uuname** command is run *only once*. It is this **sendmail** daemon that handles all the mail coming from the client machines.

So, why does mail originating locally work? A new **sendmail** process is run for each locally-originating message; this new **sendmail** process runs its own instance of **uuname** when it starts. Since **uuname** for the new **sendmail** process has been run after the new system's addition to **L.sys**, the new **sendmail** knows about the new system.

QA835

Valid for 2.0, 3.0, 3.1