

## Re: Automounting nfs shares

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On Fri, Apr 18, 2008 at 04:39:03PM +0100, John Talbut wrote:

I have a small home network with nfs set up so that the computers can share files. Commonly only one of the computers is running, particularly at first. I would like the running computer(s) to automount the nfs shares from the other computers when they come on line.

I have been using a line in etc/fstab to mount the shares. This works with the one problem that a boot time there is a delay and a failure message as the computer tries to mount the shares from computers that are not on line.

I use gnome-volume-manager (gvm) to automount hardware devices. This, of course, responds to HAL events and I presume that a computer coming on line on a network does not cause the kernel to generate a HAL event. Is there any way of getting gvm to automount nfs shares?

Alternatively, I have read that some people uses autofs to automount nfs shares. Would there be any problems with using autofs alongside gvm and udev?

If you use a soft mount in fstab then it will background the mouning. However, if anything later relies on that mount point then that may hang waiting.

Likely, you only share /home in which case you should probably have the server come up first. You may want to look at something like an automount daemon or perhaps a PAM module to just mount the user's home directory via nfs when they log in.

Doug.

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