

[SLE] Re: SOLVED: [SLE] DHCP failure

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2006-02/msg01339.html>

- *From:* Eric Hines <eehines@xxxxxxxxxxxx>
 - *Date:* Wed, 15 Feb 2006 19:20:46 -0600
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At 02/13/06 22:12, Eric Hines wrote:

Folks,

I've managed to trash my dhcp functionality, and I need help restoring it. I'm running a 3-subnet LAN from a SUSE 9.3 box, and until yesterday I had a functioning LAN with a manually built dhcpd.conf file (it's short, and I can post it if that becomes useful). Then I saved off that file and used YaST to poke around in the dhcp server section and the NIC section. Ever since then, I've not been able to get my LAN running, including by replacing the new dhcpd.conf file with the (used to be) functioning saved-off dhcpd.conf. The logs indicate that dhcpd says that only one subnet actually exists. A Win2k PC on one of the subnets cannot ping, or otherwise contact, the SUSE box, nor can it get an IP address from the box (surprise) and so it has no access to the Net. (I have gotten that PC onto the Net by physically bypassing the SUSE box, but that's an unsatisfactory answer.

How do I correct this? For what should I be looking?

Thanks very much for your help.

Eric Hines

It turns out that when one uses YaST|DHCP SERVER, then YaST edits the file /etc/sysconfig/dhcpd to specify the interface selected as the one on which the dhcp server should operate. I could find no means for telling YaST to use more than one interface for the server. Instead, in addition to ensuring, manually, that /etc/dhcpd.conf defines your LAN, and all its subnets, correctly, it's necessary also to manually edit /etc/sysconfig/dhcpd to ensure the line DHCPD_INTERFACE="..." includes `_all_` the interfaces on which you want your dhcp server to operate. This list is a space delimited list, as the example in the comment preceding this line in the file demonstrates.

Eric Hines

There is no nonsense so errant that it cannot be made the creed of the vast majority by adequate governmental action.

—Bertrand Russell

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