

Re: Boot hangs on "Setting default IPv4 interface"

Source: <http://unix.derkeiler.com/Newsgroups/comp.unix.solaris/2003-12/0511.html>

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At 12/5/03 10:45, Scott Fordin bespake thusly:

> *Hi,*
>
> *We had not one but two power outages last night, during which*
> *my Ultra 10 went down. Now, when I try to power it up, the boot*
> *process hangs at the stage after it says "Setting default IPv4*
> *interface for multicast." I've tried powering off again,*
> *disconnecting the network and power cables, and then letting*
> *the box sit for several minutes before reconnecting the cables*
> *and attempting another boot.*
>
> *My box is an Ultra 10 running SunOS 5.8. Everything seems to*
> *initialize correctly, until it gets to the point where it says*
> *"WARNING: asppd has bee superseded; see pppd(1m). After that,*
> *I get two "NIS domainname is <domainname>" messages, both of*
> *which state the same domain name. Then the rpc services seem to*
> *start fine: "starting rpc services: rpcbind keyserv done." Next*
> *the netmask for hme0 is set correctly. Then the "Setting default*
> *IPv4 interface for multicast: add net 224.0/4: gateway <hostname>"*
> *message comes, after which the system hangs.*

That message is issued only after the function is completed, meaning that this is the last thing it did correctly.

Suspect your machine can't get to the NIS server. Made even worse if /etc/nsswitch.conf has nis in front of files.

Search the rc2.d directory for the interface multicast message, think it is in S71rpc. From there, you can add debug echo statements to S71 and S72inetsvc to see where it is hanging.

First check your NIS server to make sure it is alive, particularly if this machine is statically bound rather than broadcast. And make sure the NIS server can reach this box.

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Still a Raiders fan, but no longer sure why.