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Subject: Breakdown of IDL 5.3 license manager after Update Inux  
Posted by [Harald von der Osten-\[1\]](#) on Mon, 10 Apr 2000 07:00:00 GMT  
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Dear Specialists

help help help...

several days ago I have received my update from IDL 5.0 to 5.3 for Linux  
with the license-file, and just before it's installation I have updated  
my Linux OS SuSE 6.0 --> 6.3

But now the license manager says that the HostID of my computer has  
changed to:

> Imhostid - Copyright (C) 1989-1999 Globetrotter Software, Inc.  
> The FLEXlm host ID of this machine is ""  
>

and of course I can only work in demo mode.

Is there anybody out there who has made the same experiences? What can  
or must I do - I have no idea any more, just some more grey hairs...

Thanx a lot!!!

Harald

--

Harald von der Osten-Woldenburg  
Geophysical Prospection of Archaeological Sites  
Landesdenkmalamt Baden-Wuerttemberg  
Silberburgstrasse 193  
D-70178 Stuttgart  
<http://www.lb.netic.de/hvdosten/index.html>: Geomagnetism and  
Geoelectrics  
<http://www.region-lb.de/HomeSites/HvdOsten>: Ground Penetrating Radar and  
EMI

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Subject: Re: Breakdown of IDL 5.3 license manager after Update Inux  
Posted by [John-David T. Smith](#) on Wed, 12 Apr 2000 07:00:00 GMT  
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"R.Bauer" wrote:

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>
> Harald von der Osten-Woldenburg wrote:
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>> Harald
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> Hi Harald,
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> The problem is that's the hostID is the hex number of the IP-Address
> (that's the definition).
```

I'm not sure about this.... I've always found it to be the hardware address of the ethernet card. This means the card has to be in *\*and\** a route defined to it. If you are using PPP, for instance, to ensure IDL will find your card, you need to define a single static route to the machine itself through the interface. Since the interface isn't connected to any network at home, presumably, any other routes will mess you up. Such a self-route would show up in netstat -r as:

| Destination | Gateway | Genmask         | Flags | MSS | Window | irtt | Iface |
|-------------|---------|-----------------|-------|-----|--------|------|-------|
| 1.2.3.4     | *       | 255.255.255.255 | UH    | 0   | 0      | 0    | eth0  |

where 1.2.3.4 is your IP address and eth0 is your ethernet device. I had to deal with this on a laptop which sometime would be on an ethernet network in the office, and sometimes would dial up over PPP from home. To keep IDL working in all places, you need to keep your ethernet card in and ensure the route above is

defined, in addition to any PPP or ethernet default and gateway routes.

I can give more details if people are interested.

JD

--

J.D. Smith                   |\*|    WORK: (607) 255-5842  
Cornell University Dept. of Astronomy |\*|           (607) 255-6263  
304 Space Sciences Bldg.       |\*|    FAX: (607) 255-5875  
Ithaca, NY 14853            |\*|

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Subject: Re: Breakdown of IDL 5.3 license manager after Update Inux  
Posted by [R.Bauer](#) on Wed, 12 Apr 2000 07:00:00 GMT

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The problem is that's the hostID is the hex number of the IP-Address

(that's the definition).

And Imhostid is the ethernet hardware address.

I myselft don't understand why RSI defines the linux key to the hostid.

If you have bought a linux notebook and bought a linux IDL Licence  
connected to the ethernet card

you are only able to use this licence in the home network.

And if you are far away from home you will have expensive calls to get a  
30-day licence.

I don't know Suse6.0. But may be this version returns by hostid the hex  
local\_host.

Suse 6.3 returns the hex ipaddress

hope this helps

R.Bauer

>  
> --  
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Subject: Re: Breakdown of IDL 5.3 license manager after Update Inux  
Posted by [Harald von der Osten-\[1\]](#) on Wed, 12 Apr 2000 07:00:00 GMT  
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Thank you for this hint. I removed the card, started the computer: The same

error message. After sticking the card back into the PC IDL as well as Mathematica don't show any problems any more. It's very logic for me ;-) but I hope that it will continue working...

Harald

Paul van Delst wrote:

> That happened (still does) when I take out my network card on my laptop.  
> The Imhostid gets it unique number from there. You pop out the card - no  
> Imhostid and IDL doesn't work. Neither does anything else that requires  
> the hostid (licensed compilers for e.g.).  
>  
> If this is your problem then I hope you just have to stick your card  
> back in. If this is your problem and your card \_is\_ in, then maybe it is  
> not configured correctly for the OS upgrade.  
>  
> cheers,  
>  
> paulv--  
> Paul van Delst           Ph: (301) 763-8000 x7274  
> CIMSS @ NOAA/NCEP       Fax: (301) 763-8545  
> Rm.202, 5200 Auth Rd.   Email: pvandelst@ncep.noaa.gov  
> Camp Springs MD 20746

--

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Geophysical Prospection of Archaeological Sites  
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Subject: Re: Breakdown of IDL 5.3 license manager after Update Inux  
Posted by [R.Bauer](#) on Thu, 13 Apr 2000 07:00:00 GMT  
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Martin Schultz wrote:

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> As JD points out correctly, the key is linked to the hardware address.
> Just the other day I installed IDL 5.3 successfully on the PC that I
> brought back from the US which is equipped with an ethernet card but not
> connected to a local network. I only had to activate the hardware driver
> for the card (i.e. load the module), but I did not have to configure the
> device at all (I do have some network config though, due to my ISDN
> connection).
>
> Viele Gruesse,
>

```

I don't agree because we got exactly this problem I discribed.

manpage of hostid:

The /usr/sbin/hostid command displays the identifier (either a unique host name or a numeric argument) of the current local host as a hexadecimal number. This numeric value is expected to be unique across all hosts and is commonly

set to  
the address of the host specified by the InetAddress or HostName  
parameter.

I believe that's in the past they used the hardware address but since  
idl5.2 they use  
only the hostid.

R.Bauer

---

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connection).

Viele Gruesse,

Martin

--

```

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[[          phone: +49 40 41173-308          [[
[[          fax:  +49 40 41173-298          [[
[[ martin.schultz@dkrz.de          [[
[[          [[          [[          [[          [[          [[

```

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