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 View Forum Message <> Reply to Message

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 FLEXIm 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: Geomagnetics and

Geoelectrics

http://www.region-lb.de/HomeSites/HvdOsten: Ground Penetrating Radar and

EMI

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 View Forum Message <> Reply to Message

```
"R.Bauer" wrote:
>
> Harald von der Osten-Woldenburg wrote:
>>
>> Dear Specialists
>>
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>> or must I do - I have no idea any more, just some more grey hairs...
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>> Thanx a lot!!!
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>> Harald
> Hi Harald,
>
 The problem is that's the hostID is the hex number of the IP-Address
```

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 Genmask Flags MSS Window irtt Iface Gateway 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

> (that's the definition).

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 |*|
```

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

View Forum Message <> Reply to Message

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> Harald

Hi Harald,

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

- > --
- > 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: Geomagnetics and
- > Geoelectrics
- > http://www.region-lb.de/HomeSites/HvdOsten: Ground Penetrating Radar and
- > EMI

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 View Forum Message <> Reply to Message

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 x7274CIMSS @ NOAA/NCEP Fax: (301) 763-8545
- > Rm.202, 5200 Auth Rd. Email: pvandelst@ncep.noaa.gov
- > Camp Springs MD 20746

--

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D-70178 Stuttgart

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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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>> [...]

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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 InternetAddress or HostName parameter.

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

R.Bauer

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