Subject: Re: sec : U Re: travelling idl license
Posted by Rick Towler on Wed, 25 Sep 2002 20:59:10 GMT
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"Dave Greenwood" <greenwoodde@ornl.gov> wrote

> In a previous article, "Rick Towler" <rtowler@u.washington.edu> wrote:
>>
>> "Randall Skelton" <rhskelto@atm.ox.ac.uk> wrote >
> [snip]
>>> Second, it is impossible to have IDL for *nix and Windows on the
>>> same physical disk with the license tied to the VSN because
>>> provision for including it are not made by other file systems
>>> (ext2, xfs, ufs, hfs, hfs+, etc).
>>
>> Your points are valid, assuming that the FlexLM system uses the 4 byte
VSN.
>> From what I can tell it *does* which makes it pretty much useless. So
yes,
>
> ??? From what I can tell, FlexLM uses only the MAC address and *not* the
VSN.
> Do you have some evidence otherwise?

This diversion started when Andrew mentioned using the HD serial number in
regards to licensing. Then Randall chimed in on the VSN. I added my 2
cents suggesting that there is in fact a mostly unique serial number
attached to modern HDDs. But, I brought it back to the VSN since FlexLM has
the *ability* to use the VSN on Windows platforms (run lmutil.exe). I
didn't mean to imply that FlexLM as implemented by RSI uses the VSN.

>> I agree that HASP and MAC addresses are probably the most robust. And
all
>> of this is academic since RSI is only using the MAC address when
generating
>> licenses anyway.
>
> If RSI only uses the MAC address when generating licenses then FlexLM must
> only use the MAC address since RSI uses FlexLM for licensing.

No. FlexLM is, er, flexible in this regard. You can use IP, MAC, VSN,
Dongle, or "Vendor Defined" whatever that would be. Not all of these are
available for all platforms (which is what Randall was getting at in his
post regarding VSN).

See:

http://www.globetrotter.com/support/lmwinfaq.htm#How%20does% 20FLEXlm%20lock

> Actually, I don't much like the use of MAC addresses for licensing
> purposes - ethernet cards do break. Fortunately RSI has always been
> quick to respond when I've needed to move a license server to another
> MAC address.

Yes. Or machines change. Since more and more machines ship with integrated
NIC's this makes node locked licensing a little more of a pain. But we have
to be realistic and this is probably one of the better alternatives.

-Rick