

RE: emulation of gethostbyaddr to resolve to NetBIOS name

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 - *Date:* Tue, 13 May 2008 14:39:37 GMT
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Hi Paul,
Thank you for your clarification.

Actually gethostbyaddr() is not the culprit. As you can see from the KB article, it is caused by the fact that some services, other than the Workstation, that Register as Unique with the [00h] entry, will show up in the NETBIOS Node Status Query response as well as the Machine Name and unfortunately gethostbyaddr() cannot identify them and so it returns an incorrect result.

As a possible workaround you had been aware of, I agree that you check the name and remove "IS~" if it contains the characters.

Also I notice that the KB article only applies to Windows 2000 and earlier Windows NT systems, could you please let me know if you also encountered this issue on Windows XP/2003 systems? Anyway since NetBIOS is a very old technology and the later Windows OS from Vista does not support it very well. If possible, I recommend that you use DNS instead of NETBIOS.

Please feel free to let me know if you have any other questions or concerns. Have a nice day!

Best regards,
Charles Wang
Microsoft Online Community Support

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