

Re: Avoid using DNS for hostname name resolution in ldap_bind_s

Source:

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- *From:* "strongline" <johnlan@xxxxxxxx>
 - *Date:* Mon, 11 Dec 2006 15:55:22 -0500
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If the host name is correctly entered in a host file, it will be resolved before the client attempts to query DNS.
How ping resolves the server name is how LDAP resolves it.

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I want my future to be unknown
<http://strongline.blogspot.com>

<hagaiy@xxxxxxxx> wrote in message
<news:1165855217.392415.211600@xx>

Hello,

I am using windows LDAP API (in windows 2000 / 2003 machines) to perform LDAP queries with LDAP directories (Active Directory, Sun One and more). I have noticed that when I provide the hostname (for example host.domain.com) the LDAP API is trying to perform DNS queries to resolve the target host ip address.

I have the relevant hostname & ip in a local hosts file and I would like the LDAP API to use it instead of using DNS, my problem is that DNS is not available from my client machine and the hosts file is used but only after a few failed DNS attempts (I can see them using a network sniffer), these DNS queries cause my connect to take about 10 seconds!

I must use an FQDN for the target host since I am using SSL and the sever verification will fail if the target host name will not match the LDAP server FQDN.

I have gone over the API documentation but I can't see anything regarding name resolution options or DNS queries, is there a way for me to control this (I have seen a note stating that if I provide a domain name in the hostname parameter for ldap_sslinit then the default domain controller will be located, so I thought that the API might be mistaking the hostname that I provide as a domain name, but I didn't

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see any explanation regarding how does the API knows that the parameter is a domain name / host name)?

Thanks,
Hagai.