

Re: Problem with ListAvailableSQLServers in vb 6

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.msde/2005-01/0028.html>

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If you have no network this is expected, since the enumeration is based on a UDP (TCP) broadcast. Since this is a broadcast it normally only sees computers in the same subnet, since most routers are configured not to pass on UDP broadcast requests.

Besides that there is a response time issue. After the request is issued the client only waits for a certain period of time on UDP replies from the servers that received the UDP broadcast request.

On the local machine the API does a Registry scan, which is why local services should show up when no network is enabled. MSDE has different Registry entries that is why these do not show.

If you want to use the same API as SQL-DMO you need to use the ListSQLSrv.exe tool <http://sqldev.net/misc/ListSQLSvr.htm> EnumSQLSvr, uses the OLE-DB based API, which theoretically should provide the same results, but you never know.

On Win98 I think they only enumerate local instances as far as I know.

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"Allcomp" <marc@nospam.allcomp.be> wrote in message
news:41da4402\$0\$316\$ba620e4c@news.skynet.be...

> Hello,

>

> My enabled networks protocols are Named pipes and Tcp/IP

>

> With EnumSQLSvr.exe, it doesn't work (when I remove the network cable, I
> have no server). I have exactly the same error with Osql -L

> I use WinXP SP2 without firewall for my tests.

>

microsoft.public.sqlserver.msde: Re: Problem with ListAvailableSQLServers in vb 6

- > *With SQL Server 2000, a Win98 computer is in the list*
- >
- > *I have also seen something strange...*
- > *I make the ListAvailableSQLServers*
- > *If I have a return count of 0, then I use*
- > *the object*
- > *SQLDMO.SQLServer2*
- >
- > *Set oServer = New SQLDMO.SQLServer2*
- > *Set ListSvr = oServer.ListInstalledInstances*
- > *will retur*