

Re: connecting to SQL Server 2000 from a VB.net app using ADO.net

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.connect/2004-04/0163.html>

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Date: 04/19/04

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In terms of connectivity issues over the Internet, firewall issues would be my first guess. You may want to take a look at the following article:

INF: TCP Ports Needed for Communication to SQL Server Through a Firewall

<http://support.microsoft.com/?id=287932>

In terms of the application issues, it depends on the app. The resource problems on the database server are most often due to coding issues, not really what type of client is used. Either can perform well or perform poorly depending on how they are coded.

-Sue

On Thu, 15 Apr 2004 09:56:07 -0700, "Lisa Jones" <anonymous@discussions.microsoft.com> wrote:

>Hi

>I can connect from my app to sql server on the local lan, but I can't connect over the Internet. I can't create a remote connection in Enterprise Manager. However, I can >ping the IP address of the server just fine.

>

>The app uses the following connect string:

>

>Provider=SQLOLEDB;User

>ID=*****;Password=*****;Server=*****;Database=*****;Network Address=*****

>

>Where 'Network Address' = the IP address of the machine where SQL Server is >installed.

>

>This connect string works great from any machine connected to the same lan as the >SQL Server machine. However, whenever I try to connect across the Internet (from my >home machine, using the exact same software and connect string), I take the >following error:

>

microsoft.public.sqlserver.connect: Re: connecting to SQL Server 2000 from a VB.net app using ADO.net

>Client unable to establish connection ConnectionOpen(CreateFile())

>

>Question 1: Does anybody have any suggestions as to why I can connect over the LAN

>but not over the Internet? I suspect some networking thing, like a firewall on the

>lan where I am trying to connect, but I am not a networking expert.

>

>Question 2: Does anyone have any opinion about whether this is a valid DBIO

>technique? Most databases that are accessed over the Internet have thin-client

>interfaces implemented in front of them. I have never tried to do this from a Windows

>fat-client, and I suspect very poor performance and excess resource utilization on

>the server

>

>Any help or article will be appreciated