

microsoft.public.sqlserver.connect: Login failed for user '(null)'

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I am running a third-party web application (mainly ASP and specific pages with their own extension that are processed by a third-party ISAPI dll) on a Windows 2000 Server (IIS 5.0) which is also a domain controller and has MS SQL 2000 installed. Anonymous access in IIS for this application is set to use a domain account. This account is also granted access to MS SQL 2000 database. Everything works just fine.

For performance purposes I moved MS SQL 2000 Server to a new machine (Windows 2003 server, domain member). When I did so, asp scripts in the application work perfectly well. I have auditing turned on on MS SQL running on Windows 2003 and I can see successful logins to MSSQL for the user which is configured for anonymous access in IIS running on Windows 2000.

But, when I try to access any of those specific pages with their own extension that are processed by ISAPI dll, the IIS log shows the following error:

Out-of-process+ISAPI+extension+request+failed. 503

and the MSSQL errorlog shows the following error at once:

Login failed for user '(null)'. Reason: Not associated with a trusted SQL Server connection.

According to this application's documentation, TCP/IP and Named Pipes are required on MS SQL (and they are there!). There's also a specific mentioning that that particular ISAPI requires and works through Named Pipes only.

For testing purposes I have also deployed IIS on Windows 2003 and installed the application telling it to use MS SQL server on the Windows 2000 DC and this worked fine! But when I do backwards, I get Login failed for user '(null)' and Out-of-process+ISAPI+extension+request+failed. 503 in IIS.

I need to have IIS on Windows 2000 DC and MS SQL on Windows 2003 domain member and it doesn't work, but works fine when I do vice versa (IIS on 2003 and MS SQL on 2000 DC). I have checked all the policies for 'access this computer from the network', 'log on locally',

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'accounts trusted for delegation', 'computer trusted for delegation'
and the behavior is still the same:

- if IIS is on Win2000 DC and MSSQL is also there, everything works;
- if IIS is on Win2000 DC and MSSQL is on Windows 2003 domain member:
error;
- if IIS is on Win2003 domain member and MSSQL is on Win2000 DC:
everything works.

Any ideas what I might be missing?