

Re: pass through authentication

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.connect/2006-02/msg00038.html>

- *From:* "Bad Beagle" <bad.beagle@xxxxxxx>
 - *Date:* Tue, 7 Feb 2006 21:36:09 -0700
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The SQL server is a member server in the domain.
"Warner wang" <v-warnw@xxxxxxxxxxxxxx> wrote in message
news:EME5Jd5KGHA.224@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Bad,

Do you mean both SQL SERVER and client machine are not in the domain now?

The following describes how SQL Server processes login accounts that Windows authenticates:

1. When a user connects to SQL Server, the client opens a trusted connection to SQL Server, which passes the user's Windows security credentials to SQL Server.

Because the client opened a trusted connection, SQL Server knows that Windows has already validated the login account.

2. If SQL Server finds the user's Windows user account or group account in the list of SQL Server login accounts in the sysxlogins system table, it accepts the connection.

SQL Server does not need to revalidate a password because Windows has already validated it.

If SQL SERVER is in the domain, this trusted connection credential process is finished in the AD. If SQL SERVER is not in the domain, you need to set up a login account in the Windows server on which SQL SERVER locates, and add this login account in the SQL SERVER login list. You cannot use the domain account to access the SQL SERVER even if you set up a new account with same username and password on the SQL SERVER because they have the different SID. In this case, you can use the following two methods to access the SQL SERVER. You might need to use these two methods even though you use code to access the SQL SERVER.

1. Create a new login account on the server, and use this account to login from the client machine.
2. Use the SQL SERVER authentication mode to access the database.

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If anything is unclear, please let me know. Thank you!

Sincerely,
Warner Wang
Microsoft Online Partner Support

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