

Re: login 101..

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- *From:* "Laurentiu Cristofor [MSFT]" <[laur@xxxxxxxxxx](mailto:laur@xxxxxxxxxx)>
  - *Date:* Tue, 23 May 2006 12:01:52 -0700
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Just a correction for the SQL Authentication description:

On Windows 2003, SQL Server 2005 can enforce the Windows password complexity and expiration policy for SQL logins.

Thanks

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"Hugo Kornelis" <[hugo@xx](mailto:hugo@xx)> wrote in message [news:bsf472h1m7vuhpjlhfi55eekqe47r7nte3@xxxxxxxxxx](mailto:news:bsf472h1m7vuhpjlhfi55eekqe47r7nte3@xxxxxxxxxx)

On 22 May 2006 08:31:41 -0700, RAB wrote:

What is the difference between 'Windows Authentication' login and 'SQL login'?

Hi RABMissouri,

Windows authentication – SQL Server uses a special protocol to ask Windows for the details of the currently logged-in user. If the Windows user is in the list of allowed logins, the login succeeds without the user having to enter anything. If the Windows login is not registered as a SQL Server login, an error message follows.

Advantages: no extra login prompts for user; SQL Server security benefits from Windows login policies (such as password aging, etc).

Disadvantages: doesn't lend itself for testing; Windows users with admin rights are automatically logged in as SQL Server admin.

SQL Server login – SQL Server prompts user for loginname and password, then compares this to list of loginnames and (encrypted) passwords in

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system table master..syslogins. On a match, you are logged in.

Advantages: easy when you have to test security for different roles.

Disadvantages: no password expiration, password complexity checks, etc.

I have IIS, MSDE installed on my home computer and I don't log into windows. So how does 'Windows Authentication' apply in this case?

What version of Windows are you using?

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Hugo Kornelis, SQL Server MVP