

## Re: How does authentication work?

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2007-11/msg00810.html>

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- *From:* "The\_Nite\_Owl" <[the\\_nite\\_owl@xxxxxxxxxxx](mailto:the_nite_owl@xxxxxxxxxxx)>
  - *Date:* Tue, 20 Nov 2007 07:24:29 -0500
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The server is one the domain but we log into it with a local account. It is an appliance box and the application is supported by the vendor. Security required us to use a local account login for the box so that the vendor can connect to support it without being able to browse the entire network.

Since the shared drives are out on the domain we have to use the domain account to map those drives with alternate credentials.

This was not a problem until we upgraded the server to 2003 SP2 and it precluding caching of alternate credentials.

But it seems to me that the length of time the connection can remain valid before requiring re-authentication is set by the remote server and that there may be a solution on that end for us. I just have not found anyone that can confirm or explain what needs to be done.

"Dave Patrick" <[DSPatrick@xxxxxxxxxxxxxxxx](mailto:DSPatrick@xxxxxxxxxxxxxxxx)> wrote in message [news:DDC9155D-B29C-47BE-B91E-6799D1E375FA@xxxxxxxxxxxxxxxx](mailto:news:DDC9155D-B29C-47BE-B91E-6799D1E375FA@xxxxxxxxxxxxxxxx)

You would get that effect if you connected with the domain (or any other) account and the local account simultaneously. Why not join it to the domain?

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Regards,

Dave Patrick ....Please no email replies – reply in newsgroup.  
Microsoft Certified Professional  
Microsoft MVP [Windows]  
<http://www.microsoft.com/protect>

"The\_Nite\_Owl" wrote:

We do not use more than one set to connect to those resources, just the domain account.

The problem is that when the remote server times out the connection and wants credentials sent again our server cannot send them because they are not cached.

## Re: How does authentication work?

The problem is in the connection ever timing out in the first place. If Microsoft had not disabled caching of passwords for the non-logon account we would not have the issue but if the remote server did not set some sort of expiration on an authenticated connection we would not have it either. It's just that nobody seems to know how that connection seems to go from being authenticated to no longer authenticated.

The multiple credentials for the resource is really not accurate, the credentials would have been exactly the same except that Windows no longer remembers what the old ones were so cannot actually compare them and states them to be different requiring all mappings to that resource to be dropped before any of them can be re-mapped.

It's frustrating but it's an application server that has to have those mapped drives and they just disconnect at times we have not been able to predict.