

Re: Active Directory Expiration Notification

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-08/msg02125

- *From:* "Joe Kaplan \ (MVP – ADSI)" <joseph.e.kaplan@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 16 Aug 2006 16:10:45 –0500
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Glad you liked the chapter. :) Sorry you already knew that stuff.

Luckily, Jorge and Paul already answered your question so I didn't have to look it up.

Joe K.

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Joe Kaplan–MS MVP Directory Services Programming
Co–author of "The .NET Developer's Guide to Directory Services Programming"
<http://www.directoryprogramming.net>

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"PaulB" <PaulB@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:C70A39FE-23F9-4F34-8594-32BA16526715@xxxxxxxxxxxxxxxxxxxx>

Thanks Joe,

Chapter 10 was very informative but I already figured out how to tell if the password is expired. I already know how to tell how many days until the password will expire. What I still do not know how to do is to get the window of time that the security policy has set for displaying a warning message to the user that their password is about to expire. I am pretty sure that it is somewhere in the AD database or in the registry because I can set that value in the security policy via the "Prompt user to change password before expiration" policy attribute . What I don't know is how to fetch that value from AD so my application can display a warning message similar to the one windows displays at login time.

"Joe Kaplan (MVP – ADSI)" wrote:

We have a complete sample on doing password expiration notifications against AD in .NET in our book in ch. 10. You can download ch 10 for free from

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the website in the link below, as well as the code samples from the book. The book itself is not free, but it might help you out in general if you need a good reference on .NET directory services programming. The website also has a support forum.

Password expiration is determined by the domain password expiration policy and the `pwdLastSet` attribute on the user object. `pwdLastSet` contains an 8 byte "large" integer that stores a Windows FILETIME that specifies the date the password was last set, or the value 0 if the user must change password at next logon (or is not set at all if the user has never set a password).

By comparing the current date and the domain password expiration policy to the user's `pwdLastSet` value, you can determine when the password will expire. All the details are in the book.

Joe K.

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Joe Kaplan—MS MVP Directory Services Programming
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"PaulB" <PaulB@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:679994C8-AB8E-462F-866A-CBE1D9461D3B@xxxxxxxxxxxxxxxxxxxx>

I am trying to retrieve the number of days before password expiration that a user should be warned that their password will be expired. The property is set by setting the value for "Prompt user to change password before expiration" in the security policy.

I am using C# and the directory services namespace to retrieve the AD properties. For 2003 I found a property called `ShadowWarning` that

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contains
this value. Two questions, first is this the proper AD property
to
check
for
this value in 2003. Secondly, what property in 2000 server
would I
check
to
retrieve this value??