

Re: how to pass nt password ?

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2005-11/msg01257.html>

- *From:* "James" <jkklim@xxxxxxxxxxxx>
 - *Date:* Fri, 18 Nov 2005 11:04:38 +0800
-

Perhaps i will explain more.

I run this service monitor application as a thread. Put as eg.

- a) i logon in xp, run the service locally on xp1 local machine.
- b) my application will read a list of machines files eg xp1, xp2, xp3, etc
- c) the service application will generate thread pools every x seconds and reach out to other machines having similar services and check whether it is started.
- d) if not started on machine xp2 or xp3, it will attempt to start on remote machines.
- e) to start service on remote machines, it needs to impersonate. Thus i used the function – logonuser described below.
- f) the logonuser fucntion requires username, domain and password. I can extract username and domain, but i want my password which i logon on xp1 to impersonate on xp2 or xp3 to start the xp2 or xp2 services.

Hope this explains why i want to pass my "password" onto other machines to impersonate.

U see, all msdn documentations expect user to enter username, domain and password to impersonate. I can do it at my application, but because it is running as a service, it shld NOT ask user for password.

```
"Micky" <micky@xxxxxxxxxx> wrote in message
news:dlh7h0$42i$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
> "James" <jkklim@xxxxxxxxxxxx> wrote in message
> news:egL%23lpz6FHA.1416@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx
>>I succesfully pass username , domain and password via this function (taken
>>from MSDN)
>>
>> Private Declare Auto Function LogonUser Lib "advapi32.dll" (ByVal
>> lpszUsername As [String], _
>>
```

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```
>> ByVal lpzDomain As [String], ByVal lpzPassword As [String], _
>>
>> ByVal dwLogonType As Integer, ByVal dwLogonProvider As Integer, _
>>
>> ByRef phToken As IntPtr) As Boolean
>>
>> Dim returnValue As Boolean = LogonUser(username, domain, pwd,
>> LOGON32_LOGON_INTERACTIVE, LOGON32_PROVIDER_DEFAULT, tokenHandle)
>>
>> The above assumes that in the application, user will be required to enter
>> username, domain and password via keyboard
>>
>> However i do NOT want the application to ASK user for the username, domain
>> and password. Instead the application shld use the current user context
>> since users already logon to a operating system eg XP.
>>
>> i can extract username and domain using the WindowsIdentity.Name Property
>> which give it as domain\nt id, and then i pass to above function in
>> username, domain.
>>
>> How do i extract password ? I know password cannot be seen, but at least
>> what can i do to pass the current password arguments into the above
>> function – logonuser ?
>
> The user is already logged on, so why would you want them to logon to
> your program using the self same credentials? Your program should
> simply run in user context (indeed, it should be tested on an account
> with the minimum credentials required to operate). If your program
> requires elevated privileges then the USER must provide the required
> credentials, NOT your program. Bypassing the built-in security (such
> as it is) is not an option if you want your application to remain
> compliant.
>
>
```

• *Follow-Ups:*

◆ *Re: how to pass nt password ?*

◇ *From: Micky*

• *References:*

◆ *how to pass nt password ?*

◇ *From: James*

◆ *Re: how to pass nt password ?*

◇ *From: Micky*

• Prev by Date: *Re: PE or exe? tmpPE?*

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