

Re: Interactive Service Related to Logon

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.kernel/2004-11/0091.html>

From: JJ (jjjj_at_nospam.com)

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I think you are correct about future versions of Windows not allowing this.

The code example at:

<http://support.microsoft.com/default.aspx?scid=kb:en-us:165194>

shows how processes started by CreateProcessAsUser can gain access to the interactive desktop/windowstation.

I have a service that uses this technique so the process can display its window on the visible desktop. It does NOT work on Longhorn.

"Maxim S. Shatskih" <maxim@storagecraft.com> wrote in message news:cman9c\$3185\$1@antigua.mtu.ru...

>> *I am writing a Service that will authenticate the users during the
>> Login.*

>> *The way I implement this scheme is that I start separate thread that
>> draws dialog whenever the service get Event Notification (Lock,
>> Logoff, Startup) from winlogon.*

>

> *Showing any UI from the service is a security issue (due to window manager
> being unprotected and security-unaware at all), and, according to David
> LeBlanc, the next Windows versions are likely to disable all ways of doing
> this.*

>

> *Write a helper app which will show the UI which will communicate to the
> service
> via RPC or COM.*

>

> *If the purpose of your service is to authenticate the user – then write a
> subauth package, Platform SDK has everything needed for it.*

>

>> *It said that displaying a GUI from a service, especially on a
>> Multi-user system is not recommended.*

>

> *It will be probably disabled in the future to avoid opening a security
> hole.*

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> *There will be no more interactive services.*

>

> --

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