

# RE: emote console, WlxQueryConsoleSwitchCredentials, and WlxGetConsole

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I have the same issue and could not find solution to the problem:  
i.e if there is no user logged in Terminal Server does not let you in and  
present you again with notify SAS dialog. 2nd time it lets you in. now if you  
logout from TS Session, you have to do same on workstation.

I think, have to use pGINA source to overcome this issue. The sample  
provided by Kieth is not working and hence all GINA written using that source.

I am disappointed as there is no response and documentation. I wrote  
Credential Provider for vista and it has a bug too. It let you go in even sub  
authentication on domain rejects (if you have previous successfully logged  
in). This does not happen on 2008 server and it behaves.

Kashif  
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"Abdul Khaliq" wrote:

Hi,

I implemented a custom Gina (full implementation, not a stub) but haven't  
found a way to overcome the described below problem yet. It appears during  
Remote console logon.

Case A. A user is logged on locally and you try to login remotely using the  
same user. Everything seems to work fine – the local console session  
transparently gets passed to the remote console (actually the sessions  
switch). The weird thing is that the local console goes in "log off" state –  
if you use msgina it goes to "lock computer"

Case B. Nobody is logged in locally or you try to login with different user  
then the one logged on locally. Something gets wrong. The following sequence  
of events occur:

On the Remote console:

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1. WlxInitialize
2. WlxLoggedOutSAS, WLX\_SAS\_TYPE\_CTRL\_ALT\_DEL(1) – credentials acquired and verified; WLX\_SAS\_ACTION\_LOGON returned
3. WlxGetConsoleSwitchCredentials – credentials passed and TRUE returned

On the Local console:

4. WlxDisconnectNotify

Now sessions get switched (remote become local and vice versa)

On the Remote (old local) console

- 5a. WlxLoggedOutSAS, WLX\_SAS\_TYPE\_AUTHENTICATED(7) – I try to call WlxQueryConsoleSwitchCredentials but it fails with ERROR\_IO\_PENDING
- 5b. WlxReconnectNotify (almost immediately after 4a)

On the Local (old remote) console:

6. WlxInitialize – WHY???
7. WlxLoggedOutSAS, WLX\_SAS\_TYPE\_CTRL\_ALT\_DEL(1)

And now the interesting part – second time credentials supplied!

On the Remote (old local) console:

8. WlxLoggedOutSAS, WLX\_SAS\_TYPE\_CTRL\_ALT\_DEL(1) – credentials acquired and verified; WLX\_SAS\_ACTION\_LOGON returned
9. Remote console opens!!!!

Why the local console goes in "log off" state?

Why does WlxQueryConsoleSwitchCredentials fails?

Why WlxInitialize is called again?

Why the after supplying credentials for a second time is succeeds?

I know the answer of the forth question. It works as Case A (see above) works – the logon session already exists and it just attaches to it.

Having said all that, have anyone found a solution of that problem? Can anyone help me?

Thanks,