

Re: Permit only one network logon per user

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*Source:*

<http://www.derkeiler.com/Newsgroups/microsoft.public.windows.server.security/2007-08/msg00099.html>

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- *From:* "Christian Thies [Ar]" <[ch.thies@xxxxxxxx](mailto:ch.thies@xxxxxxxx)>
  - *Date:* Fri, 24 Aug 2007 18:43:09 -0300
- 

Dave, I bet you walk over a similar problem!  
Your hope is right, thanks for helping me

Regards

"DaveMo" <[david.mowers@xxxxxxxx](mailto:david.mowers@xxxxxxxx)> escribió en el mensaje  
<news:1187877163.203334.248410@xx>  
On Aug 21, 10:04 am, "Christian Thies [Ar]" <[ch.th...@xxxxxxxx](mailto:ch.th...@xxxxxxxx)>  
wrote:

Roger, making my app to control acces should be te last option. Because a  
matter of time, I need to find out a solution aready builded, already  
tested, and rady-to-use.

Regards

"Roger Abell [MVP]" <[mvpnos...@xxxxxxx](mailto:mvpnos...@xxxxxxx)> escribió en el  
mensajenews:ev3TzOO4HHA.4676@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

"Christian Thies [Ar]" <[ch.th...@xxxxxxxx](mailto:ch.th...@xxxxxxxx)> wrote in message  
<news:OsdLuDO4HHA.5316@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Roger, you're right. I'm not preventing, I have a clue if I log  
trys of  
multiple logins  
The content is used 7\*24\*365. So a logged user will keep  
logged all the  
time. Any attempt to log in with an already logged credential  
is a  
violation (or error).

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You're also right about cconnect, I'm rebuilding my DC after trying,  
but  
I think I made a mistake and I'm going to try again

Another point is this, I need to prevent access to a mms (or http) connection, not a shared resource in a network

All three methods indicated, cconnect, limitlogon, and the share-based of the KB provided, intend to prevent a second local login. It sounds to me that you really want a mod in the app so that it does not allow a second connection to it using the same creds.

"Roger Abell [MVP]" <mvpNoS...@xxxxxxx> escribió en el mensaje  
[news:OcxFHZN4HHA.1168@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OcxFHZN4HHA.1168@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi Christian,

I guess I do not understand how limiting to one session is in fact preventing unauthorized access. Assuming it somehow does help, then how does it make sure that the correct person is the one allowed the one available session?

Anyway, cconnect and limitlogin are fairly heavy to implement. Take a look at the following for the select few accounts needed:  
<http://support.microsoft.com/kb/260364>

Roger



Re: Permit only one network logon per user

wrote in  
message

[news:u71neA13HHA.5724@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:u71neA13HHA.5724@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi,  
I  
have  
Windows  
2003  
domain  
working.  
I  
need  
to  
allow  
only  
one  
network  
logon  
per  
user.

The  
example  
is:

User:  
username

Status:  
Logged

If  
user  
username  
try  
to  
login  
from  
a  
different  
machine,  
and

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he  
is  
logged  
in  
another,  
the  
login  
attempt  
must  
be  
denied

How  
can  
I  
accomplish  
this?

Thanks  
in  
advance–  
Hide  
quoted  
text  
–

– Show quoted text –

Christian,

One of the problems that you are going to run into is that the OS is not very good at tracking logoffs – even in the best circumstances. Most add-ons that limit logons use a reference count to indicate that someone is logged on and if another logon event occurs and the ref count is above a threshold value (1 in your case) then the logon is denied. The problem is that there are a large number of cases where a logoff event is not signalled and the ref count never decreases. This effectively locks the user out of the domain.

Web-based connections are the worst because they are supposed to be inherently stateless. Maybe this isn't true in your case and you have a client that sends a CONNECTED message periodically. If so, then you'll need to modify your server so that it decrements the ref count when the CONNECTED message stops coming. And then you'll have to make sure that the user can't cause this to happen artificially (disconnect

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the network cable) but still resume the original session after a new instance has been created. Gee, it sounds like I've been through this before... :)

Additionally, using an Active Directory domain infrastructure for a music sharing service sounds odd. You said you are looking for something bundled, but a solution based on AD means that the customer is going to have to set up external-facing AD or have one already. AD is viewed as being hard to set up and not many people have outward facing domains. You'd face less resistance using SQL in my experience.

Just my thoughts – hope they help!

Dave

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