

RE: Disabled Smartcard logon?

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From: Mats Pettersson (*MatsPettersson_at_discussions.microsoft.com*)

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Yes, the vendor supplies such service and Iâ€™m already using it in my calls from the csp. The problem Iâ€™m having is that the service/app somehow prevents the Smartcard Logon GINA option from being displayed. The system does not react to a smartcard insertion, which makes it impossible for me to test my csp for winlogon.

– Is there another way to stop Windows from displaying the “Put in a smartcard” message during logon? For example a registry setting?

– Any idea how I can enable it again?

Thanks

/Mats

"lelteto" wrote:

> Well, *EXCLUSIVE mode* is exclusive mode, ie. once you opened the read with
> exclusive mode others cannot connect. That is how it should be anyway. When
> this is the case and you want to use the card from more than one app /
> service you need to create a dedicated *SERVICE* which mediates access to the
> card. Applications (including *GINA*) should connect to the service, not
> directly to the reader.
> Ask the vendor if they have such service which you can use from your *CSP* code.

>

> Laszlo Elteto

> SafeNet, Inc.

>

> "Mats Pettersson" wrote:

>

>> Hi,

>> Iâ€™m writing a *CSP* to be used for Smartcard Logon in Windows XP. I also have
>> an other application and service that connects to my smartcard reader with
>> *SCardConnect* with the option *EXCLUSIVE MODE*. All my calls to the smartcard
>> goes throw this application.

>>

>> The problem Iâ€™m having is that the *GINA* does not react when a smartcard
>> reader is present, ones my security services sets the reader in exclusive
>> mode. Hence the option press “Ctrl Alt delete” or “put in a Smart card”

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> > *is not shown just the default "Ctrl–Alt–Delete". This makes it impossible for me to use SmartCard Login.*

> >

> > *I have written a test code and the low level calls SCardEstablishContext, SCardListReaders, SCardGetStatusChange works. I installed a pt–GINA and made the listed calls from there and they all worked (after the application started).*

> >

> > *But I still encounter the same problem that only the default message is displayed. Or to be more precise the "Put in a smart card" message is shown for about a second then the security service starts and only the default message is displayed.*

> >

> > *I have been in contact with the vendor and according to them the only thing they do is connecting to the smartcard in EXCLUSIVE MODE. I have also removed there application/service and then every thing worked fine. I™ therefore sure that it is causing the problem.*

> >

> > *– Is there another way to stop Windows from displaying the "Put in a smartcard" message during logon? For example a registry setting?*

> >

> > *– Is there a way to activate this functionality again?*

> >

> > *Thanks*

> > */Mats*

> >

> > *"Eric Perlin [MS]" wrote:*

> >

> > > *Winlogon has to make a few low level smartcard calls before the CSP can be invoked: SCardEstablishContext, SCardListReaders, SCardGetStatusChange, SCardListCards and SCardGetCardTypeProviderName.*

> > > *The fact that the default message is still displayed indicates that one of the first 2 calls fails!*

> > > *How is the other application connecting to the reader/card?*

> > > *--*

> > > *Eric Perlin [MS]*

> > > *This posting is provided "AS IS" with no warranties, and confers no rights.*

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