

## Re: Smartcard CSP Problem

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You don't need to emulate a smartcard CSP for it to work with S-MIME. A software CSP can be used in this case.

But your "simulated" smartcard CSP is not going to work for Windows logon. Winlogon/msgina really look for physical smartcards.

Without something that's exposed through the smartcard subsystem, you're not even going to get a PIN prompt.

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Eric Perlin [MS]

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"Alf" <[alf1982@hotmail.de](mailto:alf1982@hotmail.de)> wrote in message  
news:eoym#CMg1EHA.2624@TK2MSFTNGP11.phx.gbl...

> Hello, maybe somebody can help me out!

>

> I am to develop a SmartCard CSP, but with no actual SmartCard behind it,  
but

> rather a Software System that simulates it.

>

> I so far developed a CSP which wraps the MS Base CSP for the common  
> functionality and will use the System for the Rest.

>

> Now, I have a logical problem.

>

> The CSP should be used for Mail Signing and encrypting in Outlook, as well  
> as for windows logon.

>

> If I understood the concept of the certificate handling in windows, you  
have

> to enroll a certificate for a certain user who is present in the active  
> directory - let's call him Bob. When enrolling this certificate, you  
choose

> the type (smartcard certificate) and the corresponding CSP (in this case,  
my

> CSP).

>

> The result of the enrollement would be a new certificate stored on the  
> SmartCard and installed in windows.

>

> Question: Am I right with the above?

> Then - next Question: How does the enrollement process create and store the  
> certificates on the SmartCard since the CryptoApi (CP\* ) functions do not  
> provide certification handling - Does the enrollement task itself store  
the

> certificate to the SmartCard? (And how, cia driver?)

microsoft.public.platformsdk.security: Re: Smartcard CSP Problem

>  
> Are there any other usefull documentations on what a SmartCard CSP has to  
> implement?  
>  
> Thanks!  
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