

Re: DIFx Framework – HOWTO

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2004-08/0953.html>

From: Ivan Dimitrov (*i_dimitrov_at_prosyst.bg*)

Date: 08/18/04

Date: Wed, 18 Aug 2004 16:08:00 +0300

Erik,

Thank you very much for your reply.

The certificate was not installed on the machine, that's s why I did exactly what you recommended but I got the same error.

To make some clarifications related to the signing process (I work on Windows 2000 5.00.2195, SP 4 machine):

1. The test certificate is obtained through the commands:

```
prompt>makecert -sk TestPrvKey_10 -r -n "CN=CBMA,OU=Citizen,O=Citizen" -ss  
Test TestCert_10.cer  
Succeeded
```

```
prompt>cert2spc TestCert_10.cer TestCert_10.spc  
Succeeded
```

2. I've successfully installed the certificate into the physical store "Trusted Root Certification Authorities – Local Computer"

3. I've successfully created the unsinged cat file using:

```
promps>makecat -r -v CBMA.cdf  
opened: CBMA.cdf  
processing: CBM.dll  
processing: OEMUI.dll  
processing: OEMUNI.dll  
processing: CBM.ini  
processing: CBM_CT1000II.INF  
processing: CBM_CTS300.INF  
processing: CBM_PPU700.INF  
processing: CBM1000II.GPD  
processing: CTS300.GPD  
processing: PPU700.GPD  
processing: ttfsub.GPD  
processing: CBMA.HLP  
processing: eula.txt
```

Succeeded

4. I've signed the .cat file with signcode.exe using the TestCertificate_10.spc with TestPrvKey_10 private key

5. Then I have checked the signed cat file with:

```
prompt>chktrust -q CBMA.cat  
CBMA.cat: Succeeded
```

Best regards,
Ivan Dimitrov

"Erik[MSFT]" <erik@online.microsoft.com> wrote in message
news:41229e2c\$1@news.microsoft.com...

> *Since you are using the test certificate, did you check if it is installed
> on your test machine?*

>

> *(To install the cert, just double click on it. I normally put it into the
> physical store "Trusted Root Certification Authorities – Local Computer".)*

>

>

> --

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>

>

> "Ivan Dimitrov" <i_dimitrov@prosyst.bg> wrote in message

> news:u9xHJbGhEHA.3264@tk2msftngp13.phx.gbl...

> > *Hi All,*

> >

> > *First, I have only a basic understanding of the certificates, signing,
> etc.*

> > *so please excuse me if some question appears to be a stupid one :-)*

> >

> > *I'm evaluating the MS DIFx framework as to make a single file
installation*

> > *of the driver I've made. In connection with this I have tried to set-up
an*

> > *installation through DIFx framework but have some troubles with it. I
get*

> > *the following error in DpInst.log file for every INF file in the driver:*

> > *"ERROR: driver package 'drive:\path\INFFILE.INF' is unsigned. Error code*

> > *0x800B0100, No signature was present in the subject."*

> >

> > *Could somebody explain me what is the right way to set-up the
> installation.*

> > *– As far as I know only the cat file should be signed not all the
> files*

> > *in the driver package...*

> >

> > *Follows a short description of how I've tried to make the installation:*

> >

> > *In the INF file I have included the requested CatalogFile and
> > DriverPackageType sections:
> > CatalogFile=CBMA.cat
> > DriverPackageType=PlugAndPlay
> >
> > The content of CBMA.cdf file is:
> >
> > [CatalogHeader]
> > name=CBMA.cat
> >
> > [CatalogFiles]
> > CBM.dll=CBM.dll
> > OEMUI.dll=OEMUI.dll
> > OEMUNI.dll=OEMUNI.dll
> > CBM.ini=CBM.ini
> > CBM_CT1000II.INF=CBM_CT1000II.INF
> > CBM_CTS300.INF=CBM_CTS300.INF
> > CBM_PPU700.INF=CBM_PPU700.INF
> > CBM1000II.GPD=CBM1000II.GPD
> > CTS300.GPD=CTS300.GPD
> > PPU700.GPD=PPU700.GPD
> > tfsub.GPD=tfsub.GPD
> > CBMA.HLP=CBMA.HLP
> > eula.txt=eula.txt
> >
> > From this file I have successfully created .cat file and subsequently
> > signed
> > it with a test certificate obtained through makecert.exe and
> > cert2spc.exe...
> > After that I copied DpInst.exe in the driver directory and made eula.txt
> > and
> > dpinst.xml files. Subsequently when I ran DpInst.exe I received the
> > described error.
> >
> > Any help will be appreciated!
> > 10x
> > _____
> > Best regards,
> > Ivan Dimitrov
> >
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> >
> >*