

MAKECERT and ASP

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Hi all,

I've got two applications: the server (WinApp) and the ASP. Both of them must possess pub/priv keys and X509 certificates.

To generate certificate I use MAKECERT utility. Here is the problem that appears in the ASP case:

the following MAKECERT code creates an entry under "\Documents and Settings\All Users\W3KENT\Application Data\Microsoft\Crypto\RSA\MachineKeys":

```
makecert -pe -sk XXX -n "CN=Asp" -sr localmachine -sky exchange -$ commercial -cy both -e  
01/12/2010 XXX.cer
```

The following code in ASP app creates ANOTHER entry at the same directory in spite of the SAME key type and the container name !!!

```
CspParameters cp = new CspParameters();  
cp.KeyContainerName = "XXX";  
cp.KeyNumber = 1;  
cp.Flags = CspProviderFlags.UseMachineKeyStore;  
RSACryptoServiceProvider rsa = new RSACryptoServiceProvider(cp);
```

So, what else can cause new keys/container creation ? Are there some other parameters in RSA or MAKECERT that should be adjusted ?

Thnks in advance for any clue !

P.S. In WinApp the same procedure works fine, so I've tried also to impersonate an Administrator (I create the certificates in Administrator context), but without any success. But since I use the machine key store impersonation doesn't seem to be required.