

# Re: Connecting to a File Server

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  - *Date:* Thu, 20 Jul 2006 09:13:02 -0700
- 

It is already set to 1. Do you know if there is something else that I can do to retrieve a password and username saved in the credential manager?

"Paul G. Tobey [eMVP]" wrote:

Look up MasterKeysInRegistry in the help. It's a registry entry that tells Windows CE how to save some items like passwords (in this case, you want it to save them in the registry, which I presume is persistent).

Paul T.

"Vinz" <[Vinz@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Vinz@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:9029963A-35A8-47D6-A233-F324DD2C5802@xxxxxxxxxxxxxxxxxxxxx](mailto:news:9029963A-35A8-47D6-A233-F324DD2C5802@xxxxxxxxxxxxxxxxxxxxx)

Hi Everyone,

I'm migrating a device from Windows CE4.2 to 5.0. With the device we use a command prompt program that allows a user to set a Network Share using WNetAddConnection3. The point of the program is to be able to set a username and password and then add any number of network share (on the same domain) and make them available after a reboot without having to enter the password each time.

Using 4.2 we were able to save the credentials and then pass 0 to username and password parameters to WNetAddConnection3 and it worked. In the help files (MSDN) it says that using 0 tells to the function to use default username and password.

By using this method it give the possibility to the user to save a network share and have it accessible after a reboot by using CONNECT\_UPDATE\_PROFILE with WNetAddConnection3(It was working perfectly under 4.2, maybe it's not possible anymore under 5.0).

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Under 5.0 it doesn't work anymore. I must add that our device is a headless device, that means that it's not possible for a dialog box to popup for asking the user to enter the password. I suspect that the problem is with the save credential function. Here is the code, we call this code before calling WNetAddConnection3:

```
BOOL SaveDefaultCredentials(TCHAR *szUser, TCHAR *szPassword,
TCHAR
*szUserFull, TCHAR *szDomain)
{
    BOOL RetValue = FALSE;
    CREDENTIAL Credential;

    Credential.Flags = 0;
    Credential.Persist = CRED_PERSIST_LOCAL_MACHINE;
    Credential.Type = CRED_TYPE_DOMAIN_PASSWORD;
    Credential.UserName = szUserFull;
    Credential.CredentialBlobSize = 0;
    Credential.CredentialBlob = 0;

    RetValue = CeCredWrite( 0, &Credential );
    if (!RetValue)
    {
        wprintf(L"CeCredWrite error writing %s\r\n",Credential.UserName);
    }
    else
    {
        //wprintf(L"CeCredWrite success writing %s\r\n",
        Credential.UserName);
    }

    // Set password
    if( RetValue )
    {
        SEC_WINNT_AUTH_IDENTITY_W AuthIdentity;

        AuthIdentity.User = szUser;
        AuthIdentity.UserLength = wcslen(szUser);
        AuthIdentity.Domain = szDomain;
        AuthIdentity.DomainLength = wcslen(szDomain);
        AuthIdentity.Password = szPassword;
        AuthIdentity.PasswordLength = wcslen(szPassword);
        AuthIdentity.Flags = SEC_WINNT_AUTH_IDENTITY_UNICODE;

        RetValue = SaveSspCredentials(&AuthIdentity);
    }
}
```

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```
return RetValue;
}

BOOL SaveSspCredentials(SEC_WINNT_AUTH_IDENTITY_W
*pAuthIdentity)
{
PWSTR Packages[] = {L"NTLM", L"KERBEROS"};
BOOL fRet = TRUE;
int i;

__try
{
for (i = 0; i < (sizeof(Packages) / sizeof(Packages[0])); i++)
{
CredHandle hCred; // Credential Handle
TimeStamp Lifetime;

if( AcquireCredentialsHandleW(
NULL, // Principal
Packages[i], // Names of the security packages
SECPKG_CRED_OUTBOUND, // Flag that indicates how these
credentials will be used
NULL, // LOGON id
pAuthIdentity,
NULL, // Pointer to a SEC_GET_KEY_FN
function
NULL, // get key arg
&hCred, // Pointer to CredHandle structure
that
receives the credential handle.
&Lifetime // Pointer to a TimeStamp
) == NO_ERROR )
{
FreeCredentialsHandle(&hCred);
}
}
}
__except(1)
{
fRet = FALSE;
wprintf(TEXT("AcquireCredentialsHandle faulted"));
}
return fRet;
}
```

Is this the correct way to do it in CE 5.0? I know that we should now use CredWrite but CeCredWrite should be still supported.

Can somebody help me solve my problem?

Thanks

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