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list of credentials provider interfeces (begin of 2025)

#pragma once

/*

CredentialProvider

{

d27c3481–5a1c-45b2–8aaa-c20ebbe8229e ICredentialProvider

095c1484–1c0c-4388–9c6d-500e61bf84bd ICredentialProviderSetUserArray

a09bcc29-d779–4513-bb59-b4db5d82d2b6

ICredentialProviderWithDisplayState

cc4b9589–76f2–42b2–8736–41cd43b9194f

ICredentialProviderWithSessionContext

8a4e89fe-c09d-475e-88cb-f8f11e047c50 IAutoLogonProvider

};

CredentialProviderCredential

{

63913a93–40c1–481a-818d-4072ff8c70cc ICredentialProviderCredential

fd672c54–40ea-4d6e-9b49-cfb1a7507bd7 ICredentialProviderCredential2

64a5010e-4363–41f8–9738–19045c20dabc ICredentialProviderCredential3

4a54a3b6-a8d3–46a8–9080–811ba8ccb07d ICredentialProviderCredential4

1ecf61d8–745e-4484-bcc7–182cea64c787 ICredentialProviderCredential5

dbc6fb30-c843–49e3-a645–573e6f39446a

ICredentialProviderCredentialWithFieldOptions

19844e8f-93e3–425a-9485–56a35726fe1c

ICredentialProviderCredentialWithSubmissionOptions

5e6ab326–3948–4a3d-a4b9–707cc16e5eae

ICredentialProviderCredentialWithWebDialog

8c89cd69–6e00–4189-ab49-b036663d05d3

ICredentialProviderCredentialWithUIMode

ac9888cd-1278–4d00-a05e-7b052c014553

ICredentialProviderCredentialWithHiddenCredUISubmitButton

5881c1a8–5b25–41ab-9311–750f996c8615

ICredentialProviderCredentialWithDisabledCredUISubmitButton

f6247cf9–061d-46e7-aaa7–0fde071a5c1a

ICredentialProviderCredentialTileDataInfo

62fb1df7–92ae-461b-ad46–59bb9c9d8a76

ICredentialProviderCredentialForPrimaryUser

5289a2f4–4e0d-4105-b313–94f82c2e900e ICredentialMethodInfo

};

CredentialProviderCredentialEvents

{

fa6fa76b-66b7–4b11–95f1–86171118e816

ICredentialProviderCredentialEvents

B53C00B6–9922–4B78-B1F4-DDFE774DC39B

ICredentialProviderCredentialEvents2

2D8DEEB8–1322–4973–8DF9-B282F2468290

ICredentialProviderCredentialEvents3

df50ea86-b7a9–4485–8f04–930a49686e5b

ICredentialProviderCredentialEvents4

c4a56475-d6f5–43e3–80ae-1aa99833cc05

ICredentialProviderCredentialEvents5

c8df4b94–3179–4ece-9083–5c674a644374

ICredentialProviderCredentialCredUISubmitButtonEvents

0e532f00-c69e-46a3-b7a3–85e53f13e6a7

```
    ICredentialProviderCredentialUIModeEvents

    7c5d038e-59f7–4551-a6f0-fa431e00dc56

    ICredentialProviderCredentialSwitchProviderEvents

    dd107cc8-d477–4e0e-920b-b072933fddd4

    ICredentialProviderCredentialTileDataEvents

    };


    CredentialProviderEvents

    {

    34201e5a-a787–41a3-a5a4-bd6dcf2a854e ICredentialProviderEvents

    9b6b093b-aaf6–4418–9d07–574f6854f190 ICredentialProviderTileDataEvents

    8aa3ef4e-6a82–467d-a159-e0c97d057952 ICredentialProviderBioEvents

    1abbb96c-b973–43fe-820c-dbcfd3a7cc7d IGreetingFormatter

    };


    */


    ///////////////////////////////////////////////////////////////////

    // ICredentialProviderCredential


    MIDL_INTERFACE("F6247CF9–061D-46E7-AAA7–0FDE071A5C1A")

    ICredentialProviderCredentialTileDataInfo : public IUnknown
```

```cpp
{
virtual HRESULT STDMETHODCALLTYPE SetTileVisibility(_In_ BOOL
bVisibile) = 0;
virtual HRESULT STDMETHODCALLTYPE GetTileVisibility(_Out_ PBOOL
pbVisibile) = 0;
};


MIDL_INTERFACE("ac9888cd-1278–4d00-a05e-7b052c014553")
ICredentialProviderCredentialWithHiddenCredUISubmitButton : public
IUnknown
{
virtual HRESULT STDMETHODCALLTYPE
ShouldHideCredUISubmitButton(_Out_ PBOOL pbHide) = 0;
};


MIDL_INTERFACE("5881c1a8–5b25–41ab-9311–750f996c8615")
ICredentialProviderCredentialWithDisabledCredUISubmitButton : public
IUnknown
{
virtual HRESULT STDMETHODCALLTYPE
ShouldDisableCredUISubmitButton(_Out_ PBOOL pbDisable) = 0;
};
```

```
MIDL_INTERFACE("5e6ab326–3948–4a3d-a4b9–707cc16e5eae")
ICredentialProviderCredentialWithWebDialog : public IUnknown
{
virtual HRESULT STDMETHODCALLTYPE
OnWebDialogVisiblityChange(BOOL bVisible) = 0;
virtual HRESULT STDMETHODCALLTYPE GetWebDialogUrl(_Out_ PWSTR*
ppszUrl) = 0;
};


MIDL_INTERFACE("62fb1df7–92ae-461b-ad46–59bb9c9d8a76")
ICredentialProviderCredentialForPrimaryUser : public IUnknown
{
virtual HRESULT STDMETHODCALLTYPE
GetShouldAssignPrimaryUser(BOOL *) = 0;
};


enum CREDENTIAL_PROVIDER_CREDENTIAL_UI_MODE {};
enum CREDENTIAL_METHOD_FLAGS {};


MIDL_INTERFACE("8c89cd69–6e00–4189-ab49-b036663d05d3")
ICredentialProviderCredentialWithUIMode : public IUnknown // +10
```

```
{
virtual HRESULT STDMETHODCALLTYPE GetUIMode(_Out_
CREDENTIAL_PROVIDER_CREDENTIAL_UI_MODE *) = 0;
};


enum SERIALIZATION_FLAGS { all_flags = -1, zero_flag };


MIDL_INTERFACE("19844e8f-93e3–425a-9485–56a35726fe1c")
ICredentialProviderCredentialWithSubmissionOptions : public IUnknown
{
virtual HRESULT STDMETHODCALLTYPE GetSubmissionOptions(_Out_
SERIALIZATION_FLAGS * pdwFlags, _Out_ PWSTR* ppszContext) = 0;
};


MIDL_INTERFACE("5289a2f4–4e0d-4105-b313–94f82c2e900e")
ICredentialMethodInfo : public IUnknown // +20
{
virtual HRESULT STDMETHODCALLTYPE GetCredentialMethod(_Out_
CREDENTIAL_METHOD_FLAGS *) = 0;
};


MIDL_INTERFACE("64a5010e-4363–41f8–9738–19045c20dabc")
```

```
ICredentialProviderCredential3 : ICredentialProviderCredential2

{

virtual HRESULT STDMETHODCALLTYPE GetBitmapBufferValue(_In_

DWORD dwFieldID,

_Out_ DWORD* pImageBufferSize, _Out_ BYTE** ppImageBuffer) = 0;

};


// no more supported, merged with ICredentialProviderCredential5

MIDL_INTERFACE("4a54a3b6-a8d3–46a8–9080–811ba8ccb07d")

ICredentialProviderCredential4 : ICredentialProviderCredential3

{

virtual HRESULT STDMETHODCALLTYPE GetTextFieldMaxLength(_In_

DWORD dwFieldID, _Out_ DWORD* pMaxLength) = 0;

};


MIDL_INTERFACE("1ecf61d8–745e-4484-bcc7–182cea64c787")

ICredentialProviderCredential5 : ICredentialProviderCredential4

{

virtual HRESULT STDMETHODCALLTYPE GetAccessibilityTextForField(_In_

DWORD dwFieldID, _Out_ PWSTR* ppszText) = 0;

virtual HRESULT STDMETHODCALLTYPE

GetIsAccessibilityViewRawForField(_In_ DWORD dwFieldID, _Out_ BOOL*
```

```
pbRaw) = 0;

};


////////////////////////////////////////////////////////////////
// ICredentialProviderCredentialEvents


MIDL_INTERFACE("2D8DEEB8–1322–4973–8DF9-B282F2468290")
ICredentialProviderCredentialEvents3 : public
ICredentialProviderCredentialEvents2
{
virtual HRESULT STDMETHODCALLTYPE SetFieldBitmapBuffer(_In_
ICredentialProviderCredential* pcpc,
_In_ DWORD dwFieldID,
_In_ DWORD imageBufferSize,
_In_ BYTE const* pImageBuffer) = 0;
};


MIDL_INTERFACE("DF50EA86-B7A9–4485–8F04–930A49686E5B")
ICredentialProviderCredentialEvents4 : public
ICredentialProviderCredentialEvents3
{
virtual HRESULT STDMETHODCALLTYPE RequestSerialization() = 0;
```

```cpp
virtual HRESULT STDMETHODCALLTYPE RequestSelection() = 0;
};

MIDL_INTERFACE("c4a56475-d6f5–43e3–80ae-1aa99833cc05")
ICredentialProviderCredentialEvents5 : public
ICredentialProviderCredentialEvents4
{
virtual HRESULT STDMETHODCALLTYPE SetTextFieldMaxLength(
_In_ ICredentialProviderCredential * pcpc, _In_ DWORD dwFieldID, _In_
DWORD MaxLength) = 0;

virtual HRESULT STDMETHODCALLTYPE SetAccessibilityTextForField(
_In_ ICredentialProviderCredential *pcpc, _In_ DWORD dwFieldID, _In_
PCWSTR pcszText) = 0;

virtual HRESULT STDMETHODCALLTYPE SetRawAccessibilityViewForField(
_In_ ICredentialProviderCredential *pcpc, _In_ DWORD dwFieldID, _In_
BOOL bRaw) = 0;

virtual HRESULT STDMETHODCALLTYPE
RequestWebDialogVisibilityChange(
_In_ ICredentialProviderCredential *pcpc, _In_ BOOL bVisible) = 0;
```

```
};


MIDL_INTERFACE("0e532f00-c69e-46a3-b7a3-85e53f13e6a7")
ICredentialProviderCredentialUIModeEvents : public IUnknown
{
virtual HRESULT STDMETHODCALLTYPE SetUIMode(_In_
CREDENTIAL_PROVIDER_CREDENTIAL_UI_MODE)=0;
};


MIDL_INTERFACE("c8df4b94-3179-4ece-9083-5c674a644374")
ICredentialProviderCredentialCredUISubmitButtonEvents : public
IUnknown
{
virtual HRESULT STDMETHODCALLTYPE SetCredUISubmitButtonState(_In_
BOOL, _In_ BOOL, _In_ BOOL) = 0;
};
```

```
MIDL_INTERFACE("7c5d038e-59f7–4551-a6f0-fa431e00dc56")
ICredentialProviderCredentialSwitchProviderEvents : public IUnknown
{
virtual HRESULT STDMETHODCALLTYPE SwitchCredentialProvider(_In_
const GUID &) = 0;
};

MIDL_INTERFACE("dd107cc8-d477–4e0e-920b-b072933fddd4")
ICredentialProviderCredentialTileDataEvents : public IUnknown
{
virtual HRESULT STDMETHODCALLTYPE RequestVisibilityChange() = 0;
};

////////////////////////////////////////////////////////////////////
// ICredentialProviderEvents

enum CREDENTIAL_PROVIDER_FEEDBACK_VISUAL_STATE{ vs_none };
enum BIO_FEEDBACK_PRIORITY{ bp_idle, bp_default };

MIDL_INTERFACE("8aa3ef4e-6a82–467d-a159-e0c97d057952")
ICredentialProviderBioEvents : public IUnknown
```

```
{
// BioFeedbackVisualStateChangedWithPriority(upAdviseContext, state, str1,
str2, bp_default);
virtual HRESULT NTAPI BioFeedbackVisualStateChanged(
_In_ ULONG_PTR upAdviseContext,
_In_ CREDENTIAL_PROVIDER_FEEDBACK_VISUAL_STATE state,
_In_ PCWSTR pszLabel,
_In_ PCWSTR pszAccessibility) = 0;

virtual HRESULT NTAPI BioFeedbackVisualStateChangedWithPriority(
_In_ ULONG_PTR upAdviseContext,
_In_ CREDENTIAL_PROVIDER_FEEDBACK_VISUAL_STATE state,
_In_ PCWSTR pszLabel,
_In_ PCWSTR pszAccessibility,
_In_ BIO_FEEDBACK_PRIORITY priority) = 0;

// BioFeedbackVisualStateChangedWithPriority(upAdviseContext, 0, 0, 0,
bp_idle);
virtual HRESULT NTAPI CancelBioFeedbackVisualState(ULONG_PTR
upAdviseContext) = 0;
};
```

```
enum GREETING_TYPE {

gt0,

gt1,

gt2,

gt3,

gt4,

gt5,

gt6,

};


struct GreetingParameters

{

GREETING_TYPE type;

BOOL bNotUseTime;

union {

PSID UserSid;

ICredentialProviderUser * user;

};

BOOL bUseUserName;

};
```

```cpp
MIDL_INTERFACE("1abbb96c-b973–43fe-820c-dbcfd3a7cc7d")
IGreetingFormatter : public IUnknown
{
virtual HRESULT NTAPI FormatGreeting(
_In_ GREETING_TYPE gtype,
_In_opt_ PSID UserSid,
_Out_ PWSTR * ppsz) = 0;

virtual HRESULT NTAPI FormatGreetingForCredentialProviderUser(
_In_ GREETING_TYPE gtype,
_In_ ICredentialProviderUser * user,
_Out_ PWSTR * ppsz) = 0;

virtual HRESULT NTAPI FormatGreetingBasedOnTime(
_In_ GreetingParameters * params,
_Out_ PWSTR * ppsz) = 0;

virtual HRESULT NTAPI
FormatGreetingForCredentialProviderUserBasedOnTime(
_In_ GreetingParameters * params,
_Out_ PWSTR * ppsz) = 0;
```

```
};

enum SUPPORTED_UI_FEATURE_FLAGS { eWebDlg = 1 };

MIDL_INTERFACE("9b6b093b-aaf6–4418–9d07–574f6854f190")
ICredentialProviderTileDataEvents : public IUnknown
{
virtual HRESULT WINAPI RequestVisibilityChange(ULONG64) = 0;
virtual HRESULT WINAPI RequestLockScreenDismiss(ULONG64) = 0;
virtual HRESULT WINAPI RequestOptionExpansion(ULONG64) = 0;
virtual HRESULT WINAPI RequestSignInUIVisible(ULONG64) = 0;
virtual HRESULT WINAPI
QuerySupportedUIFeatures(SUPPORTED_UI_FEATURE_FLAGS *) = 0;
};

/////////////////////////////////////////////////////////////////////
// ICredentialProvider

enum CREDENTIAL_PROVIDER_DISPLAY_STATE_FLAGS
{
CPDSF_NONE = 0x00000000, // default initialization value
CPDSF_AWAKE = 0x00000001, // display is awake, disappears when display
```

goes black

CPDSF_UNKNOWN_02 = 0x00000002, // transitive flag, mostly absent, appears before/after CPDSF_AWAKE changes

CPDSF_CURTAIN = 0x00000004, // curtain is pulled on

CPDSF_CURTAIN_MOVING = 0x00000008, // curtain is moving, appears the when the curtain is being pulled

CPDSF_STATION_LOCKED = 0x00000040, // the station is locked. not sent to provider in change-password scenario.

CPDSF_PROVIDER_VISIBLE = 0x00000080, // providers screen active/visible.

CPDSF_NO_LOGGED_USERS = 0x00000400, // there are no logged on users

CPDSF_UNKNOWN_800 = 0x00000800, // unknown flag that at least PIN (NGC) provided uses

CPDSF_SHUTDOWN_STARTED = 0x00001000, // shutdown started

CPDSF_ACTIVE = 0x00010000, // display activity related, disappears after some time when idle

CPDSF_TBAL_LOGON = 0x00080000 // trusted boot auto-logon (TBAL)

};

MIDL_INTERFACE("A09BCC29-D779–4513-BB59-B4DB5D82D2B6")

ICredentialProviderWithDisplayState : public IUnknown

{

virtual HRESULT STDMETHODCALLTYPE SetDisplayState(_In_

```cpp
CREDENTIAL_PROVIDER_DISPLAY_STATE_FLAGS Flags) = 0;
};


struct __declspec(novtable)
ICredProviderCredentialSerialization : public IUnknown
{
// returned by ICredentialProviderCredential::GetSerialization
virtual HRESULT STDMETHODCALLTYPE GetAuthenticationPackage(_Out_
ULONG * ulAuthenticationPackage) = 0;
// returned by ICredentialProviderCredential::GetSerialization
virtual HRESULT STDMETHODCALLTYPE
GetCredentialProviderCLSID(_Out_ GUID * pclsidCredentialProvider) = 0;
// returned by
ICredentialProviderCredentialWithSubmissionOptions::GetSubmissionOptio
ns
virtual HRESULT STDMETHODCALLTYPE GetSerializationFlags(_Out_
SERIALIZATION_FLAGS *pdwFlags) = 0;
// returned by ICredentialProviderCredential::GetSerialization
virtual HRESULT STDMETHODCALLTYPE GetSerialization(_Out_ ULONG *
pcbSerialization, byte** prgbSerialization) = 0;
// returned by
ICredentialProviderCredentialWithSubmissionOptions::GetSubmissionOptio
```

```
ns
virtual HRESULT STDMETHODCALLTYPE GetCredentialContext(_Out_
PWSTR* ppszContext) = 0;


// in winlogon:
// HRESULT CGlobalStore::SetCredentialContext(_In_ PWSTR pszContext ,
CredentialContextType);
// ULONG CGlobalStore::SetCredentials(CRED_PROV_CREDENTIAL *);
};


struct CRED_PROV_CREDENTIAL {
ULONG dwFlags;// ← SERIALIZATION_FLAGS
DATA_BLOB Serialization; // { cbSerialization, rgbSerialization }
};


struct __declspec(novtable)
IAutoLogonManager : public IUnknown
{
virtual HRESULT STDMETHODCALLTYPE IgnoreAutoLogonMode() = 0;
virtual BOOL STDMETHODCALLTYPE IsAutoLogonMode() = 0;
virtual BOOL STDMETHODCALLTYPE
IsSingleUserNoPasswordAutoLogonMode() = 0;
```

```cpp
    virtual BOOL STDMETHODCALLTYPE
    IsAutoLogonNotSingleUserNoPasswordMode() = 0;
    virtual BOOL STDMETHODCALLTYPE IsSystemAutoLogon() = 0;
    virtual HRESULT STDMETHODCALLTYPE UpdateAutoLogonDefaultSID() =
    0;
    virtual HRESULT STDMETHODCALLTYPE ResetAutoLogonSetting() = 0;
    virtual HRESULT STDMETHODCALLTYPE ClearSystemAutoLogonSetting() =
    0;
    virtual HRESULT STDMETHODCALLTYPE GetAutoLogonCredential(_Out_
    PWSTR*, _Out_ PWSTR*, _Out_ PWSTR*) = 0;
    virtual BOOL STDMETHODCALLTYPE IsSingleUser() = 0;
    virtual HRESULT STDMETHODCALLTYPE
    GetSerializedAutoLogonCredential(ICredProviderCredentialSerialization * *)
    = 0;
};

MIDL_INTERFACE("8A4E89FE-C09D-475E-88CB-F8F11E047C50")
IAutoLogonProvider : public IUnknown
{
virtual HRESULT STDMETHODCALLTYPE
SetAutoLogonManager(IAutoLogonManager *) = 0;
};
```

```cpp
MIDL_INTERFACE("cc4b9589–76f2–42b2–8736–41cd43b9194f")
ICredentialProviderWithSessionContext : public IUnknown
{
// returned by
ICredentialProviderCredentialWithSubmissionOptions::GetSubmissionOptio
ns
virtual HRESULT STDMETHODCALLTYPE SetSessionContext(PCWSTR
pszContext) = 0;
};

class DECLSPEC_UUID("F8A0B131–5F68–486c-8040–7E8FC3C85BB6")
WLIDCredentialProvider;
class DECLSPEC_UUID("D6886603–9D2F-4EB2-B667–1971041FA96B")
NgcPinProvider;
class DECLSPEC_UUID("48b4e58d-2791–456c-9091-d524c6c706f2")
DeviceNgcCredProvider;
class DECLSPEC_UUID("2135f72a-90b5–4ed3-a7f1–8bb705ac276a")
PicturePasswordLogonProvider;
class DECLSPEC_UUID("cb82ea12–9f71–446d-89e1–8d0924e1256e")
PINLogonProvider;
class DECLSPEC_UUID("edd749de-2ef1–4a80–98d1–81f20e6df58e")
```

```cpp
PlapLogonFilter;
class DECLSPEC_UUID("F8A1793B-7873–4046-B2A7–1F318747F427")
FIDOCredentialProvider;
class DECLSPEC_UUID("8AF662BF-65A0–4D0A-A540-A338A999D36F")
FaceCredentialProvider;
class DECLSPEC_UUID("C5D7540A-CD51–453B-B22B-05305BA03F07")
CloudExperienceCredentialProvider;


///////////////////////////////////////////////////////////////////
// internal,private

struct IFieldData;

MIDL_INTERFACE("a349e249–9e81–484c-a6c5–10b1d670d7de")
ICredTileData : public IUnknown
{
virtual ULONG STDMETHODCALLTYPE GetProviderId() = 0;
virtual ULONG STDMETHODCALLTYPE GetCredentialId() = 0;
virtual ULONG STDMETHODCALLTYPE GetFieldCount() = 0;
virtual HRESULT STDMETHODCALLTYPE GetFieldAt(_In_ ULONG dwIndex,
_Out_ IFieldData **) = 0;
virtual HRESULT STDMETHODCALLTYPE GetClsid(_Out_ GUID * clsid) = 0;
```

```cpp
    virtual HRESULT STDMETHODCALLTYPE GetUserSid(_Out_ PWSTR* sid) =
0;
    virtual BOOL STDMETHODCALLTYPE IsPLAPTile() = 0;
    virtual BOOL STDMETHODCALLTYPE IsV2CredProv() = 0;
    virtual BOOL STDMETHODCALLTYPE IsEmptyTile() = 0;
    virtual BOOL STDMETHODCALLTYPE IsConnectedUser() = 0;
    virtual BOOL STDMETHODCALLTYPE IsPictureLoginMode() = 0;
    virtual BOOL STDMETHODCALLTYPE IsTileVisible() = 0;
    virtual HRESULT STDMETHODCALLTYPE
GetCredProviderLogoBitmap(_Out_ HBITMAP* ) = 0;
    virtual HRESULT STDMETHODCALLTYPE
GetCredProviderLogoBitmapStream(_In_ REFIID riid, _Out_ void **
ppvObject) = 0;
    virtual HRESULT STDMETHODCALLTYPE GetCredProviderLogoLabel(_Out_
PWSTR *) = 0;
    virtual BOOL STDMETHODCALLTYPE
DoesCredentialSupportIHMAutomaticInvoke() = 0;
    virtual BOOL STDMETHODCALLTYPE ShouldShowCredUISubmitButton() =
0;
    virtual BOOL STDMETHODCALLTYPE ShouldEnableCredUISubmitButton() =
0;
    virtual HRESULT STDMETHODCALLTYPE GetUIMode(_Out_
```

```
            CREDENTIAL_PROVIDER_CREDENTIAL_UI_MODE * flags) = 0;
            virtual HRESULT STDMETHODCALLTYPE GetCredentialMethod(_Out_
            CREDENTIAL_METHOD_FLAGS * flags) = 0;
            virtual HRESULT STDMETHODCALLTYPE GetWebDialogUrl(_Out_ PWSTR *
            url) = 0;
            virtual BOOL STDMETHODCALLTYPE DoesTileAssignPrimaryUser() = 0;
            };


            enum WLUI_REQUEST_FLAGS{};
            enum WLUI_SECURITY_OPTIONS{};
            enum WLUI_STATE{};
            enum WLUI_REQUEST_REASON{};
            enum WLUI_REASON{};
            struct WLUI_CREDPROV_RESPONSE;
            struct CREDUI_CONTEXT;
            struct CREDUI_INFO_INTERNAL_CONTEXT;
            struct WLUI_INFORMATION;


            class __declspec(uuid("0bdc6fc7-83e3-46a4-bfa0-1bc14dbf8b38"))
            LogonUIController;


            struct __declspec(uuid("d31db316-e169-4263-8f34-99aa38b92275"))
```

```
            CREDENTIAL_PROVIDER_CREDENTIAL_UI_MODE * flags) = 0;
            virtual HRESULT STDMETHODCALLTYPE GetCredentialMethod(_Out_
            CREDENTIAL_METHOD_FLAGS * flags) = 0;
            virtual HRESULT STDMETHODCALLTYPE GetWebDialogUrl(_Out_ PWSTR *
            url) = 0;
            virtual BOOL STDMETHODCALLTYPE DoesTileAssignPrimaryUser() = 0;
            };


            enum WLUI_REQUEST_FLAGS{};
            enum WLUI_SECURITY_OPTIONS{};
            enum WLUI_STATE{};
            enum WLUI_REQUEST_REASON{};
            enum WLUI_REASON{};
            struct WLUI_CREDPROV_RESPONSE;
            struct CREDUI_CONTEXT;
            struct CREDUI_INFO_INTERNAL_CONTEXT;
            struct WLUI_INFORMATION;


            class __declspec(uuid("0bdc6fc7-83e3-46a4-bfa0-1bc14dbf8b38"))
            LogonUIController;


            struct __declspec(uuid("d31db316-e169-4263-8f34-99aa38b92275"))
```

```
IWinLogonRPC : public IUnknown
{
virtual HRESULT WINAPI Abort() = 0;
virtual HRESULT WINAPI
DisplayLocked(PCWSTR,PCWSTR,PCWSTR,PCWSTR,PCWSTR,WLUI_REQUE
ST_FLAGS) = 0;
virtual HRESULT WINAPI WaitForLockScreenDismiss(BOOL*,BOOL*) = 0;
virtual HRESULT WINAPI
DisplayRequestCredentialsError(long,long,PCWSTR,PCWSTR,UINT,UINT
*,BOOL*) = 0;
virtual HRESULT WINAPI DisplayMessage(PCWSTR,PCWSTR,UINT,UINT
*,BOOL*) = 0;
virtual HRESULT WINAPI
DisplaySequentialLogonPrompt(PCWSTR,UINT,UINT *,BOOL*) = 0;
virtual HRESULT WINAPI
DisplaySecurityOptions(WLUI_SECURITY_OPTIONS *,UINT *,BOOL*) = 0;
virtual HRESULT WINAPI DisplayStatus(PCWSTR,WLUI_STATE,BOOL*) = 0;
virtual HRESULT WINAPI
DisplayStatusOnCredentialPage(WLUI_REQUEST_REASON,WLUI_REQUEST_
FLAGS,PCWSTR,PCWSTR,WLUI_STATE,BOOL*) = 0;
virtual HRESULT WINAPI DisplayTSDisconnectOptions(ULONG,ULONG
*,ULONG,ULONG *,ULONG *,BOOL*) = 0;
```

```cpp
    virtual HRESULT WINAPI
DisplayWelcome(WLUI_REQUEST_FLAGS,PCWSTR,BOOL*,BOOL*) = 0;
    virtual HRESULT WINAPI NotifyIsReadyForDesktopSwitch() = 0;
    virtual HRESULT WINAPI ReleaseContext() = 0;
    virtual HRESULT WINAPI
ReportResult(WLUI_REQUEST_REASON,long,long,PCWSTR,PCWSTR,PCWS
TR,PWSTR*,WLUI_CREDPROV_RESPONSE *,BOOL*) = 0;
    virtual HRESULT WINAPI
RequestCredentials(WLUI_REQUEST_REASON,WLUI_REQUEST_FLAGS,PCW
STR,CRED_PROV_CREDENTIAL *,UINT *,PWSTR*,PWSTR*,BOOL*) = 0;
    virtual HRESULT WINAPI
PromptForCredentials(ULONG,CREDUI_CONTEXT,CREDUI_INFO_INTERNA
L_CONTEXT,ULONG,ULONG,BYTE *,ULONG,int,ULONG,BYTE * *,ULONG
*,BOOL *,ULONG *,ULONG *) = 0;
    virtual HRESULT WINAPI Shutdown() = 0;
    virtual HRESULT WINAPI DisplayTSDisconnectUI(ULONG,ULONG *,int,UINT
*,BOOL*,BOOL*) = 0;
    virtual HRESULT WINAPI DisplayTSReconnectUI(ULONG,ULONG *,UINT
*,BOOL*) = 0;
    virtual HRESULT WINAPI
FinishOperation(WLUI_INFORMATION,ULONG,BOOL*) = 0;
    virtual HRESULT WINAPI
```

```cpp
	InformLogonUI(WLUI_INFORMATION,WLUI_STATE,WLUI_REASON) = 0;

	virtual HRESULT WINAPI
	DelayLocked(WLUI_REQUEST_FLAGS,PCWSTR,ULONG64,PCWSTR,BOOL*)
	= 0;

	virtual HRESULT WINAPI GetShutdownResolverInfo(BOOL*,BOOL*,ULONG
	*) = 0;

	virtual HRESULT WINAPI
	DisplayLockSecure(PCWSTR,PCWSTR,PCWSTR,PCWSTR,WLUI_REQUEST_F
	LAGS,BOOL*) = 0;

	virtual HRESULT WINAPI
	DelayLockSecure(WLUI_REQUEST_FLAGS,ULONG64,PCWSTR,BOOL*) = 0;

	virtual HRESULT WINAPI ClearUIState() = 0;

	virtual HRESULT WINAPI PrepareWebDialog(PCWSTR) = 0;

	virtual HRESULT WINAPI WaitForWebDialogComplete(BOOL*) = 0;
};


// called by winlogon
// IWinLogonRPC* p;
// CoCreateInstance(__uuidof(LogonUIController), 0,
CLSCTX_INPROC_SERVER, IID_PPV_ARGS(&p)))
```

Written by rbmm

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