

Re: Platform SDK and AdsSecurity.dll

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2004-02/0850.html>

From: Torgeir Bakken (MVP) (*Torgeir.Bakken-spam_at_hydro.com*)

Date: 02/27/04

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Andrew wrote:

- > I downloaded the Platform SDK after reading KB article 279682, "Howto use adssecurity.dll to add an ACE to an NTFS folder". I only downloaded the Core SDK (expecting that the DLL would be part of the Active Directory part).
- > However, the DLL file was not downloaded/installed? Is there something else I need to download?
- > Is there any other way to programatically list/change NTFS folder permissions?

Hi

The latest version of adssecurity.dll is in this msi file (2,5 MB):

<http://download.microsoft.com/download/2/9/7/29720925-faa3-477f-a5cd-beef80adac07/adsrtk.msi>

The link above is to be found as "Download the SDK for Active Directory Services Interfaces 2.5 (English Language Version)" here:

<http://www.microsoft.com/ntserver/nts/downloads/other/ADSI25/default.asp>

Note this one regarding CONSTs if you are going to use IADsSecurityUtility or adssecurity.dll from a vbscript:

<http://groups.google.com/groups?threadm=3F8C7FC5.AEFF4C1D%40hydro.com>

Note that for WinXP and Win2k3 Server, you should use the builtin IADsSecurityUtility object.

It has a COM interface as well as an API interface. Note that the AdsSecurityUtility will do a number of things for you automatically that ADsSecurity.dll for Win2k does not, see comment from Max Vaughn further below.

Don't let the wording "Active Directory Service Interfaces" (ADSI) fool you. It can be used for a local computer as well.

IADsSecurityUtility

<http://msdn.microsoft.com/library/en-us/ads/ads/iadssecurityutility.asp>

microsoft.public.windows.server.general: Re: Platform SDK and AdsSecurity.dll

Using ADSI for Setting NTFS Permissions (Part 1–3) by Marcin Policht

<http://www.swynk.com/friends/policht/Art042602.asp>

<http://www.swynk.com/friends/policht/Art050602.asp>

<http://www.swynk.com/friends/policht/Art051602.asp>

HOWTO: Use ADsSecurity.dll to Add an Access Control Entry to an NTFS Folder (Q279682)

<http://support.microsoft.com/default.aspx?scid=kb;EN-US;279682>

Here is the response from Max Vaughn on a similar post I made about file/folder permission setting in this thread:

<http://groups.google.com/groups?th=b3e9451478cae0d8>

From: Max L. Vaughn (maxv@online.microsoft.com)

Subject: Re: Setting file permissions on a remote computer

Newsgroups: microsoft.public.adsi.general

Date: 2002-09-20 12:30:04 PST

<quote>

Good post.

My advice is very simple. If you are setting permissions on files within the same domain, and you are not trying to set a large number of ACEs or setting a large number of ACLs, then using ADsSecurity.dll is the way to go.

If you are going across domains or you have a lot of work to do, then WMI would be your best bet.

If you want to propagate and ACL through a folders children, then WMI would be a bit easier than ADsSecurity.dll. The easiest way to propagate permissions on NTFS or Registry keys is to use the SetNamedSecurityInfo API, it will automatically propagate the ACEs.

If you are running the code from XP, look closely at IADsSecurityUtility, this object will do a number of things for you. It will properly order the ACL, push inheritance down the folder food chain and will return you an IADsSecurityDescriptor object, much easier to work with than trying to learn the cryptic WMI bind syntax.

Sincerely,

Max Vaughn [MS]

Microsoft Developer Support

</quote>

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torgeir

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Administration scripting examples and an ONLINE version of the 1328 page Scripting Guide: <http://>