

## Re: Why do some folders/registry keys have 2 permissions instead of 1?

**Source:**

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.general/2005-02/0709.html>

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**From:** Roger Abell [MVP] (*mvpNoSpam\_at\_asu.edu*)

**Date:** 01/31/05

Date: Mon, 31 Jan 2005 16:38:40 -0700

<w2k\_user@nospam.com> wrote in message  
news:0ipsv0hrdna5ilp3dmq48jfmjc55ofkrot@4ax.com...  
> *Thanks, Roger. I'll have to assume Windows XP does the same thing.*  
>  
> *If Microsoft or someone else could just write a command line utility to*  
> *display all the ACEs the same way that Explorer and Regedt32 do, then*  
> *that'd*  
> *be a perfect solution.*  
>

Indeed. Or better yet, define a "canonicalization" for the standard set of ACEs and header bits used for X and then provided a utility that would walk over ACLs and canonicalize them. As it is, the routines are obviously there in some dll that can present something of a canonical view, but it does not rewrite the ACLs, and we are left to reinvent the wheel.

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Roger Abell  
>  
> On Mon, 31 Jan 2005 08:25:40 -0700, "Roger Abell" <mvpNOSpam@asu.edu>  
> wrote:  
>  
>>It gets even worse if you have storage that was once on an NT4  
>>system that underwent upgrade.  
>>  
>>AFAIK there is no overall answer to you, but rather just the  
>>fact that the ACEs are adjusted by a variety of routines, not  
>>all of which did things the same way. About the only common  
>>thing is that what gets shown in Explorer's ACL editor is  
>>digested such that when there are multiple ACEs that can  
>>be shown with a generic ACE they are shown with one, even  
>>though the actual SD has this represented not with a generic.  
>>  
>>I once attempted something similar to what you are trying,  
>>and eventually gave up due to the unending maze of complex  
>>variations, especially for inherited ACEs.  
>