

Re: Regedit Permissions

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.win2000.security/2006-04/msg00072.html>

- *From:* "Steven L Umbach" <n9rou@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 19 Apr 2006 14:13:14 -0500
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Giving a user full control to class does not allow the user to run any program as the user still needs read/list/execute NTFS permissions to the application folder/executable however it still is a good idea to try and give users no more permissions than necessary to any access control list though same permissions as power user is much preferable to making the user a power user. What I would try next is to enable auditing of object access for failure in Local Security Policy. Then audit the HKLM/software/classes registry key by going to permissions – advanced/auditing. Add users for failed for set value, create subkey, and delete which was a power user would have in addition to what a normal user would. Then reboot the computer and after the problem occurs for the user logon as an administrator and look in the security log via Event Viewer for failed object access events for registry keys under HKLM/software/classes that have a timestamp around when the problem occurs for the user as those would be the ones to look at further for lack of permissions. I would clear the security log first and increase it's size from default quite a bit to maybe at least 2 MB.

SysInternals also has a free program called regmon that logs registry activity but in the case where problems occur during a logon it may not be as helpful as normal to try and track down access denied problems though you can configure it for "log boot" under options though I have never tried that option myself yet to see how well it works. If you try using regmon be sure to take advantage of filter view to find/highlight entries you want to find such as access denied because the log will almost certainly contain several thousand entries. Regmon can not be run by a regular user but it could be started via runas and administrator credentials after logging on as a regular user. — Steve

<http://www.sysinternals.com/Utilities/Regmon.html> — regmon

<http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/runas.mspx?mfr=true>
— runas description

"Cindy" <Cindy@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:4F169756-438E-4C46-ABEF-A1768E6C6E47@xxxxxxxxxxxxxxxxxxxx>

Yes, the permission is somewhere in HKLM/software/classes but not in the application name sections. I know this because after I gave the application

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name keys full control POLAR failed. I gave the user full control to HKLM/software/classes "root" and POLAR works.....How do I find the specific keys that POLAR is in need of more rights without going through every key? I changed all the POLAR related "classes keys" and did a couple of searches but no avail. If I give full control to Classes root does that mean the user can run any programs they want? Thanks for your help.

Cindy

"Steven L Umbach" wrote:

If you have not tried yet go to HKLM/software/application name and give the users full control permissions to that key or the same that power users have also looking in the advanced page where you would highlight power users and select edit. Double check each child registry key below it when done to make sure that change in permissions has propagated to them also. Reboot the computer for good measure and see if that makes a difference. If that does not help look under HKLM/software/classes for keys that have the application name and do the same for permissions found there. Worse case scenario is that you can create a new security template copying only the registry permissions [highlight registry and select copy and then paste into same in new blank security template, then save template] from the compatws.inf security template to a new security template and then importing that security template into the computer via Local Security Policy by highlighting security settings, right clicking and select import. You can use the mmc snapin for security templates to view, manage, and create security templates. Doing such would give the user the same permissions as the power user to the registry without changing any folder/file permissions or adding the user to the power users group. --- Steve

http://www.microsoft.com/resources/documentation/windows/xp/all/proddocs/en-us/sag_scedefaultp
<http://support.microsoft.com/kb/816297/EN-US/>

"Cindy" <Cindy@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:DF7C773F-C6CA-41F7-B918-EFE291571C6A@xxxxxxxxxxxxxxxxxxxx

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I have a third party software called Polar. I am installing this application with the user having power user rights to the desktop. Once I place the user back into the User Group – removing them from the power user group, and log back on to the workstation the Polar pops a Failed to update system registry window. If I click on OK the application lets me in. What rights are required to write to the registry? – power user at the least? The providers of the software gave me some registry keys to give the user more rights but their suggestion does not help....can any else ????

Thanks in advance

Cindy