

## Re: File perms & group policy problem

**Source:**

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.group\\_policy/2004-02/0048.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.group_policy/2004-02/0048.html)

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**From:** Derek Melber [MVP] ([derekm\\_at\\_braincore.net](mailto:derekm_at_braincore.net))

**Date:** 02/20/04

Date: Thu, 19 Feb 2004 18:08:46 -0700

Glad to see you home!

Yeah, that is a great idea, but that is not the way GPOs work. They don't apply in the order, rather, they are compiled to create the RSOP, then applied in the order I mentioned. So, security always comes first, then software.

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Derek Melber

"Chriss3" <[noSpamHere@chrisse.se](mailto:noSpamHere@chrisse.se)> wrote in message  
news:u6a5kKz9DHA.2644@TK2MSFTNGP11.phx.gbl...

> Hi Derek! at least home again=) I'm a bit tired. but what about place the  
> MSI package in another policy than the particular security setting and  
> change the order of them.

>

> --

> Regards,

>

> Christoffer Andersson

> No email replies please - reply in the newsgroup

> If the information was help full, you can let me know at:

> <http://www.itsystem.se/employers.asp?ID=1>

>

> "Derek Melber [MVP]" <[derekm@braincore.net](mailto:derekm@braincore.net)> skrev i meddelandet

> news:ucUezIw9DHA.1632@TK2MSFTNGP12.phx.gbl...

> > Dave,

> >

> > I think you have the solution already, which is to force policy  
> application,

> > even if nothing has changed. Yes, software is installed AFTER the  
security

> > is in place. Just the way it works. I know of no way to change this,

> > unless

> > you want to alter the code of GPOs:-).

> >

> > The worst case scenario is that you have the settings open for 90  
minutes.

> > I

> > can't imagine that this will be that horrible. However, maybe I don't

> > understand the application or your environment much.

> >

> > --

> > Derek Melber

> >

## microsoft.public.windows.group\_policy: Re: File perms & group policy problem

> > "Dave" <NOSPAMd.ford@bath.ac.uk> wrote in message  
> > news:Xns94946736BDC88NOSPAMdfordbathacuk@207.46.248.16...  
> > > Sorry if this drags on a bit - it's a bit of a mixture of observation  
> > and  
> > > intuition and mostly lack of documentation - I want to know if this is  
> > > right, and if my conclusions are right too...  
> > >  
> > > I'm setting the file permissions on some files on a PC using the  
policy  
> > > under Computer Configuration -> Windows Settings -> Security  
Settings ->  
> > > File System settings in a Group Policy.  
> > >  
> > > This works as expected.  
> > >  
> > > \*However\*... This policy is altering the security permissions of  
files  
> > > that will only exist after the installation of an MSI package...  
> > >  
> > > Now - if the file permissions settings are bundled into a policy  
> > > alongside the software installation then the file's don't get their  
> > > permissions applied.  
> > >  
> > > Checking C:\WINDOWS\security\logs\winlogon.log confirms my conclusion  
> > > that the file permissions are taking effect before the software gets  
> > > installed. I.e., the policy changes the permissions of non-existent  
> > > files, then installs the files with the broken permissions, but leaves  
> > > them alone because it's already tried (but failed) to change them.  
> > >  
> > > Plus, it appears that the periodic policy refreshes (or ones forced  
with  
> > > the GPUPDATE command) do not appear to make any difference. I *\*think\**  
> > > (though am not sure - opinions?) that this is because the security  
> > > policy  
> > > itself is not changing - so the computer never tries to re-apply it.  
> > >  
> > > Thinking about this for a while has left me with some strategies for  
> > > dealing with changing file perms on AD systems:  
> > >  
> > > 1) Turn on the 'Process even if the Group Policy objects have not  
> > > changed.' policy alongside the software and file security permissions.  
> > > This doesn't do anything to eliminate the initial problem - filesec  
> > > changes still happen before the files get created - but it does mean  
> > > that  
> > > the policy gets re-applied on every refresh interval. So, after 90  
mins  
> > > (the default rate, I believe?) the intended permissions come good  
after  
> > > all. This is slow, and probably inefficient but does at least work  
> > >  
> > > 2) Wait 16 hours for the security policies to get refreshed.  
> > >  
> > > 3) Abandon attempting to set file permissions using Group Policies.  
> > > Instead, use cacls, batch scripts, custom actions in MSI files, etc.  
> > > instead. This is potentially complex, inconvenient, and hard to  
> > > maintain. I prefer the idea of keeping all install code in the one  
> > > place/package/policy.  
> > >  
> > > Now is here a way to force the order of policy application? I know  
that  
> > > the policies are supposed to be applied in a specific order - but even  
> > > when I split my setup into two policies - one containing the software

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> and  
> > > the other containing the file permissions, the software still gets  
> > > installed after the permissions settings are applied.  
> > >  
> > > Any thoughts as how to deal with this?  
> > >  
> > > Thanks  
> > > Dave  
> >  
> >  
>  
>