

# Re: Question regarding Group Policy applying order

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2008-07/msg00677](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2008-07/msg00677)

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- *From:* Valdas Adomaitis <[bieras\\_2000@xxxxxxxxxx](mailto:bieras_2000@xxxxxxxxxx)>
  - *Date:* Wed, 16 Jul 2008 07:24:01 -0700
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Thanks for the reply.

I think there is a bit of confusion in terminology. I think firewall applies last, but it has the highest priority (it stays) i.e. as it is applied last it overwrites all earlier settings that conflict with each other (that in my example default domain policy has set earlier). but.. i got the idea. I now understand that there are two terms "applying order" and "priority"..

For real world now. That RSOP user configuration properties window is for administrator that is in built-in users container.

GPMC is :

<http://i355.photobucket.com/albums/r447/bieras/GPMC.jpg>

"Meinolf Weber" wrote:

Hello Valdas,

GPO's are applied in the following order, listed low to high:

local  
site  
domain  
ou  
subou  
subsubou

So your firewall is the first that applies, then domain policy. First OU, then domain. From high to low.

For your real world be nice to see where your user account is located. GPMC overview.

Best regards

Meinolf Weber

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Re: Question regarding Group Policy applying order

\*\* HELP us help YOU!!! [http://www.blakjak.demon.co.uk/mul\\_crss.htm](http://www.blakjak.demon.co.uk/mul_crss.htm)

Hello,

This is a general question – do i correctly interpret what i have read. I'm reading 70–294 training kit. It says:

<...>

Computer configuration settings are processed. This occurs synchronously by default and in the following order: local GPO, site GPOs, domain GPOs, and OU GPOs.

<...>

GPOs linked to the OU highest in the Active Directory hierarchy are applied first, followed by GPOs linked to its child OU, and so on. Finally, the GPOs linked to the OU that contains the user or computer are applied. At the level of each OU in the Active Directory hierarchy, one, many, or no GPOs can be linked. If several group policies are linked to an OU, then they are applied synchronously in an order specified by the administrator.

This order means that the local GPO is applied first, and GPOs linked to the

OU of which the computer or user is a direct member are applied last, overwriting the earlier GPOs.

So I make a test lab.

Here is what my group policy management looks like

<http://i355.photobucket.com/albums/r447/biasas/GP.jpg>

Here is what my RSOP generates for a computer under TestComputers OU looks

like

<http://i355.photobucket.com/albums/r447/biasas/RSOP.jpg>

The question is why are the GPO's listed in reverse order. From what i've read local policy applies first, default domain policy applies second and Firewall RPC DCOM.. applies third.. Understanding this will help me understand the next thing.

Now the real environment.

<http://i355.photobucket.com/albums/r447/biasas/Real.jpg>

Why there are 2 default domain policy, 2 proxy, 2 local group policy entries

in this RSOP user configuration properties window???? May there be something

with loopback processing?

I know i mix up computer and user configuration properties in my lab

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and real environment examples. But GPO processing is reverse in both cases. Is this the way it supposed to be. What i am missing?

Please comment.