

Re: "Windows 2000 native" vs "Windows 2003 Server" functional level

Source:

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- *From:* "Jorge de Almeida Pinto [MVP]"
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 - *Date:* Wed, 1 Mar 2006 21:19:46 +0100
-

Just like Neil said... LVR (linked value replication) is only available in FFL w2k3 interim (NT4 and w2k3 DCs only) and w2k3 (w2k3 DCs only)

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Cheers,
(HOPEFULLY THIS INFORMATION HELPS YOU!)

Jorge de Almeida Pinto # MVP Windows Server – Directory Services

BLOG --> <http://blogs.dirteam.com/blogs/jorge/default.aspx>

- * This posting is provided "AS IS" with no warranties and confers no rights!
 - * Always test before implementing!
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"Neil Ruston" <NeilRuston@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:1006AC29-94AE-4D36-AA32-1F989FF4A409@xxxxxxxxxxxxxxxxxxxx

As my (precise) response stated, you need to:

1. Upgrade all DCs in the forest
2. Raise domain level for all domains in the forest
3. Raise the forest func level to w2k3

Only then will multi valued attributes be replicated in the way your describe.

neil

"Brian Nielsen" wrote:

Re: "Windows 2000 native" vs "Windows 2003 Server" functional leve

Thanks for your quick and precise answer.

I have read different articles about the replication enhancements of going to "Windows 2003 Server" level.

But the articles do not agree about the need to upgrade domain level or forest level.

Do you know if I can just upgrade the domain level (and wait with forest level) and get this to work?

/Brian

"Neil Ruston" wrote:

In w2k native mode, the members of a group are stored as one blob and replicated in their entirety when changes are made. This is by design but far from desirable!

Once *all* Dcs in the forest are at w2k3, you may raise the func level of all domains to w2k3 domain func level and then the forest itself to w2k3 forest func level. Only then, (when forest func level raised) will those attributes which can be multi valued (such as group members) be stored as separate entities and be replicated as true deltas in the way you require. i.e. the scenario you describe below will result in the memberships being merged and not over written.

neil

"Brian Nielsen" wrote:

Re: "Windows 2000 native" vs "Windows 2003 Server" functional level

Hi

I have a question regarding what functional level I should use to get the following functionality to work (if possible).

Problem:

I have 2 domain controllers (Windows 2003 Server) – each placed in different sites and called (DC1, DC2) and both has domain functional level "Windows 2000 Native".

1. On DC1 create universal distribution group (same problem with security groups)
2. Use repadmin /replicate to replicate the group to DC2.
3. On DC1 add a user to the group.
4. On DC2 add a user to the group.

Consequence: The user added on DC1 is overwritten by the user added on DC2.

What I hoped would happen: The group entries are merged, so both users are member of the group.

I thought that the groups would be merged because of the 'per entry' replication in Windows 2003, but is this only working if the domain functional level is raised to "Windows 2003 Server" level? Or should it also work in "Windows 2000 Native" mode?

Or is my problem another place? :-)

/Brian