

# Re: Managed By Tab

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<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange.admin/2006-02/msg01067.html>

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- *From:* "nospam@xxxxxxxxxxxxxx" <nospam@xxxxxxxxxxxxxx>
  - *Date:* Tue, 07 Feb 2006 14:23:46 -0800
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Sorry for the delayed response.

As the user, both the user and group are located on the same domain. Also in the domain that they belong there are 2 GC's. So I am not sure if the GC is the issue. Do you have any other suggestions?

Thanks

On Wed, 1 Feb 2006 12:16:09 -0800, "John Fullbright" <fullbrij@xxxxxxxxxxxxxx> wrote:

What you are referring to is the process DSProxy uses to determine a server to give as a referral.

I think first, you'd have to determine the GC the specific outlook client is using:

<http://support.microsoft.com/kb/317209/>

Apply the fix and check again.

If all else fails, you can just set it on the client

<http://support.microsoft.com/kb/319206/en-us>

"Nuevo" <imaneophyte@xxxxxxxxxx> wrote in message  
<news:edOCNh2JGHA.2320@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
John

I read that KB article and I see that you are right in one regard. I'll attempt to sway you to see that I'm also right. So perhaps the two parts are a whole answer to the original question:-)

My (longer and probably quite a lot more boring) explanation.  
Pre SP2

The global catalog server will be from one of two locations:

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- . The GC is located within the same AD site as the Exchange server (normal behavior).
- . The GC is located within an AD site that is directly connected to the Exchange server's AD site (when all in-site GCs are unavailable).

In addition to site membership there is a preference for global catalog servers that are members of the same domain as the Exchange server. If none are available, then DSProxy will utilize the other global catalog servers in the AD site.

In a multi-domain environment this can lead to problems. For example, if Outlook is referred to a GC server that does not reside in the same domain as the user object certain object updates, e.g. delegate access or distribution group membership, will fail.

### Post SP 2

In Exchange 2003 SP2, the referral process will now attempt to provide the Outlook client with a GC that belongs to the same domain as the mailbox-enabled user using a new algorithm.

Five constraints for determining which GC to refer client (Notice the weighting given to GCs in a user's domain):

- .Constraint 1 A GC that is available (RPC ping) – 16 points
- .Constraint 2 A GC that supports the client's protocol – 8 points
- .Constraint 3 A GC that belongs to the user's domain – 4 points
- .Constraint 4 A GC that is in the same Active Directory site as the Exchange server – 2 points
- .Constraint 5 A GC that is one of the GCs that the Exchange is currently using – 1 point

### Implications

These changes may cause an impact on existing environments. GC referrals may change with an impact on client performance. Consider adding GC servers to domains that contain mailboxes.

### References

- <http://www.microsoft.com/technet/prodtechnol/exchange/guides/E2k3TechRef/b7f8bf4-732c-4a87-a9d5-3c>
- <http://blogs.technet.com/exchange/search.aspx?q=dsproxy&p=1>
- <http://support.microsoft.com/?id=256976>
- <http://support.microsoft.com/default.aspx?scid=kb:en-us:250570>
- <http://support.microsoft.com/?kbid=872897>

"John Fullbright" <fullbrij@xxxxxxxxxxxx> wrote in message

[news:%23q%23aIO2JGHA.2320@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23q%23aIO2JGHA.2320@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

>I always though it had to do with group placement, and whether or not the GC

> partition is writable.

>

> I used to wake up in the middle of the night with a phone call, only to be  
> dispatched to a hot site issue where the customer would vent because I was  
> the face of Microsoft on site, and then I'd have to figure out what went  
> wrong and why. I lasted three years, and went on site about 150 times. I  
> think it was ROSS #4 where I learned the idiosyncrasies and intricacies of  
> the relationship between Exchange, Outlook, and Active Directory the hard  
> way.

>

> Here's a link:

>

> <http://support.microsoft.com/kb/318074/en-us>

