

Re: FMSO question

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-10/msg02147

- *From:* PRMolina <prmolina@xxxxxxxxxx>
 - *Date:* Sat, 28 Oct 2006 08:49:01 -0700
-

Well that went easy. DC1 is completely out of the picture now, the domain is running on DC2. I have one more follow up question.

I plan on reinstalling DC1 as a domain controller, but I don't want to rely on it for anything until I am certain that the random lockups are cured – even if it means replacing all hardware. So for now DC2 is it.

However, I shouldn't have a dc share the Infrastructure master role and the global catalog. Is it alright to share these roles if there is only one dc on the domain? Once I bring DC1 is it better to move the GC to it or keep the GC on DC2 and just move the Infrastructure Master role to it?

"Jorge de Almeida Pinto [MVP – DS]" wrote:

I do say: "install and promote a new DC (make a GC as needed)"

you could also do a FORCE DEMOTION offline and promote after the cleanup of the metadata and replication of the cleanup

you cn of course try a normal demotion but I suspect that will not succeed...

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Cheers,
(HOPEFULLY THIS INFORMATION HELPS YOU!)

Jorge de Almeida Pinto # MVP Windows Server – Directory Services

BLOG (WEB-BASED)--> <http://blogs.dirteam.com/blogs/jorge/default.aspx>

BLOG (RSS-FEEDS)--> <http://blogs.dirteam.com/blogs/jorge/rss.aspx>

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* Always test before implementing!

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Re: FMSO question

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"PRMolina" <prmolina@xxxxxxxx> wrote in message
news:0A4D649F-0D3E-40A2-A60F-A928DDB84655@xxxxxxxxxxxxxxxx

Thanks for the help, I think I'm begining to get my head around this one.

Jorge, when you say disconnect the promoted DC, I assume you mean the new

DC1 I threw in the mix. Can I just pull the ethernet cable, clean and reconnect – that doesn't seem right; I would rather not wipe and reinstall windows... I'm thinking I should demote it with dcpromo, then delete it from

AD, then when AD is clean and running on DC2 rejoin the domain and repromote

it to be the new DC1. Does that sound reasonable?

"Jorge de Almeida Pinto [MVP – DS]" wrote:

you did not clean the AD metadata of the DC that died as you should!

just deleting the computer account is not enough

see:

<http://blogs.dirteam.com/blogs/jorge/archive/2005/12/03/213.aspx>

in your case I would:

- * disconnect the promoted DC
- * clean the AD metadata as needed
- * seize FSMO roles as needed to another live DC
- * install and promote a new DC (make a GC as needed)
- * relocate the FSMO roles as needed

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Cheers,
(HOPEFULLY THIS INFORMATION HELPS YOU!)

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"PRMolina" <prmolina@xxxxxxxx> wrote in message
news:5477FF3F-D4F4-4996-B5E4-C98626002F46@xxxxxxxxxxxxxxxxxxxx

I have two DCs in a Win 2003 AD network, DC1 and DC2. DC1 crashed. I removed it from Active Directory by right clicking on it in dsa.msc and choosing delete. Then I rebuilt it, naming it DC1 again joined it to the domain and ran dcpromo. Everything works, although its only been a couple of days so give it time. I started thinking about it, and am wondering who my FMSOs are. Checked system log on DC1 and sure enough got an error 16651 "The directory service is missing mandatory configuration information, and is unable to determine the ownership of floating single-master operation roles". Also getting some warnings in the Directory Services logs in both servers, NTDS 1232 replication errors all relating to an inability to find the server with these roles. It looks like there are risks if you introduce into a domain two servers with these roles, so I would like to keep them on DC1 "just in case" even though it has been wiped and reinstalled. This server is still randomly locking up on me, more than likely a hardware problem, so I have to consider the possibility that it will be out of commission at some point.

Re: FMSO question

Should I just go in and seize the roles onto
the new unimproved DC1?

Any advice/comments/sympathetic laughter
would be greatly appreciated!

–Paul