

Re: Group policy and File Replication Service

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.group_policy/2006-01/msg00160.html

- *From:* Amanda <Amanda@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 18 Jan 2006 14:59:03 -0800
-

thank you for all the help. I'll try that tool tonight and see how it goes.

"Darren Mar-Elia (MVP)" wrote:

- > I was referring to the instance when it is on the network, but its SYSVOL
- > isn't up-to-date.
- >
- > GPOTool is not very intensive and you can tell it to run against only a
- > particular DC(s).
- >
- > --
- > Darren Mar-Elia
- > MS-MVP-Windows Server--Group Policy
- > Check out <http://www.gpoguy.com> -- The Windows Group Policy Information Hub:
- > FAQs, Whitepapers and Utilities for all things Group Policy-related
- > And, the Windows Group Policy Guide is out from Microsoft Press!!! Check it
- > out at <http://www.microsoft.com/mspress/books/8763.asp>
- > GPOGUY Blog: <http://blogs.dirteam.com/blogs/gpoguy>
- >
- >
- >
- > "Amanda" <Amanda@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
- > news:FCB5B53D-7CEA-4B7D-9817-8D1B290CEE90@xxxxxxxxxxxxxxxxxxxxx
- >> How does the client authenticate to a dc that isn't on the network? so
- >> there's a separate sysvol for each dc?
- >>
- >> Is it ok to run GPOTool.exe any time or will it cause network problems?
- >>
- >> "Darren Mar-Elia (MVP)" wrote:
- >>
- >>> I'm not sure of the effect of removing those intermittent DCs from the
- >>> replica set--if a client can still authenticate to a DC, then you will
- >>> have
- >>> problems if SYSVOL is missing or out of date--so in addition to removing
- >>> it
- >>> from FRS replication, you need to stop and disable the Netlogon service
- >>> on
- >>> that DC to block authentication to it.

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>>>
>>> To answer your question, here is the way this works. GPO changes are
>>> typically made against the PDC emulator DC in an environment. Those
>>> changes
>>> replicate in both AD and SYSVOL to every other DC. When a computer or
>>> user
>>> goes to process GP, it reads the list of GPOS it needs to process from
>>> AD,
>>> based on the normal DC locator process, and then gets the settings out of
>>> those GPOs from SYSVOL. If either location is out-of-date or out-of-sync
>>> or
>>> just not there, then you will have problems. An easy way to see
>>> out-of-sync
>>> DCs from a GP perspective is to run GPOTool.exe against all your DCs. It
>>> will tell you the state of this data from a GP perspective.
>>>
>>> --
>>> Darren Mar-Elia
>>> MS-MVP-Windows Server--Group Policy
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>>> GPOGUY Blog: <http://blogs.dirteam.com/blogs/gpoguy>
>>>
>>>
>>>
>>> "Amanda" <Amanda@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>>> news:0BF6F5EA-2911-4D1C-A353-ADF6EC7E68A6@xxxxxxxxxxxxxxxxxxxx
>>> > Oh one other thing. so given that the replication partners causing the
>>> > erros
>>> > are offline, is that error really what's resulting in the group policy
>>> > failure? I'm just trying really hard to connect the dots. I assumed on
>>> > initial glance at the logs, that these file rep service errors had to
>>> > the
>>> > source of the problem, but now i'm not sure...now that i know they
>>> > aren't
>>> > even online. then there's the issue of there being 2 other DC's across
>>> > the
>>> > country and connected over a vpn tunnel. ugh. What if I went into dfs
>>> > and
>>> > took those replication partners offline... the ones that are up/down
>>> > all
>>> > the
>>> > time??
>>> >
>>> > "Amanda" wrote:
>>> >
>>> >> I agree with you. I'm sure it does cause problems but alas... The

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> > > > situation
> > > > is this, the company that I work for designs software and some of the
> > > > developers require laptops running server and configured as DC's.
> > > > Honestly I
> > > > think some of them are no longer in use period. I'm new onboard and
> > > > have
> > > > been
> > > > trying to determine what's up with the group policy not working.
> > > >
> > > > "Darren Mar-Elia (MVP)" wrote:
> > > >
> > > > Yikes, they really promise it in the Technet subscription? Wow,
> > > > that's
> > > > pretty amazing!
> > > >
> > > > Anyway, to your problem. The periodically offline DCs are only a
> > > > problem if,
> > > > when they are online, clients are trying to authenticate to them and
> > > > they
> > > > don't have SYSVOL properly shared out. In that case, GP processing
> > > > will
> > > > fail. May I ask why they are periodically offline? That causes other
> > > > problems as you may know, because changes made to AD since the last
> > > > time
> > > > they were online won't necessarily replicate out in a timely manner.
> > > > I
> > > > would
> > > > think that you're just asking for trouble with that kind of
> > > > situation.
> > > >
> > > > Darren
> > > > --
> > > > Darren Mar-Elia
> > > > MS-MVP-Windows Server--Group Policy
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> > > >
> > > >
> > > > "Amanda" <Amanda@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
> > > > news:EE5EAE06-5EB0-44E0-8936-D84EC6CD4E5A@xxxxxxxxxxxxxxxxxxxx
> > > > > thank you for your response. The "response by next biz day" that I
> > > > > was
> > > > > referring to...this is what I was told when I bought my technet
> > > > > subscription.

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>>>>>>
>>>>>> Anyway, does it matter that the frs errors I'm seeing on the DC
>>>>>> are
>>>>>> for
>>>>>> machines that are not always on the network? Isn't this behavior
>>>>>> expected
>>>>>> when some of the other DC's it's trying to replicate with are
>>>>>> offline?
>>>>>> Would
>>>>>> that still cause a problem with group policies for the users? I
>>>>>> really
>>>>>> appreciate your help on this. I'm confused!!!
>>>>>>
>>>>>> "Darren Mar-Elia (MVP)" wrote:
>>>>>>
>>>>>>> Amanda,
>>>>>>> Alas, there is no "SLA" on public newsgroups—at least, not that
>>>>>>> I
>>>>>>> know
>>>>>>> of.
>>>>>>> But, with respect to your problem, yes, the inability for some
>>>>>>> DCs
>>>>>>> to
>>>>>>> enable
>>>>>>> SYSVOL replication will prevent clients from getting GP
>>>>>>> correctly.
>>>>>>> Every
>>>>>>> DC
>>>>>>> needs to have shared Netlogon and SYSVOL. If they are not, you
>>>>>>> will
>>>>>>> have
>>>>>>> GP
>>>>>>> problems because clients read GP settings from the SYSVOL portion
>>>>>>> of
>>>>>>> a
>>>>>>> GPO.
>>>>>>> So, your first order of business is to fix FRS replication
>>>>>>> between
>>>>>>> all
>>>>>>> your
>>>>>>> DCs. There are a lot of KB articles on FRS problems, but I would
>>>>>>> recommend
>>>>>>> starting with this one:
>>>>>>> <http://support.microsoft.com/kb/290762/en-us>
>>>>>>>
>>>>>>> —
>>>>>>> Darren Mar-Elia
>>>>>>> MS-MVP-Windows Server—Group Policy
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>>>>>>
>>>>>> "Amanda" <Amanda@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>>>>>> news:37E15644-6781-4602-AA57-77E5C0762FE8@xxxxxxxxxxxxxxxxxxxx
>>>>>> >I thought that these posts are supposed to be receive a response
>>>>>> >by
>>>>>> >next
>>>>>> > business day?
>>>>>> >
>>>>>> > "Amanda" wrote:
>>>>>> >
>>>>>> >> Hello,
>>>>>> >> I'm having a problem with Group policy. We have 5 DC's on our
>>>>>> >> network.
>>>>>> >> The
>>>>>> >> problem is that some of them are only online part time. I'm
>>>>>> >> seeing
>>>>>> >> lots
>>>>>> >> of
>>>>>> >> file replication and kerberos errors in the event log on the
>>>>>> >> PDC.
>>>>>> >> The
>>>>>> >> servers
>>>>>> >> that that Server1 is having trouble connecting to are the ones
>>>>>> >> that
>>>>>> >> are
>>>>>> >> offline part time. So it isn't surprising to me that these
>>>>>> >> errors
>>>>>> >> are
>>>>>> >> showing
>>>>>> >> up. The problem is that along with the errors there is an
>>>>>> >> issue
>>>>>> >> with a
>>>>>> >> very
>>>>>> >> important group policy replicating to all the clients. A popup
>>>>>> >> is
>>>>>> >> supposed to
>>>>>> >> occur when clients logon to the network and that is not
>>>>>> >> happening
>>>>>> >> on
>>>>>> >> most
>>>>>> >> machines. How do I go about fixing this and are these issues

- **References:**

- ◆ **Re: Group policy and File Replication Service**
 - ◇ From: Darren Mar-Elia \(\MVP\)
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