

Re: Global Catalog Placement

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2004-06/0515.html

From: Rostislav Nedosekin (*rostik-xeon_at_remove_it.yandex.ru*)

Date: 06/08/04

Date: Tue, 8 Jun 2004 21:36:23 +0400

Ok, thank you very much, that what I wanted to know.

"Jimmy Andersson [MVP]" <jimmy_noSpam_@mvps.org> ÓĬĬÂÝÉĬ/ÓĬĬÂÝÉĬÁ × ĬĬ×ĬÓÔÑÈ
ÓĬĬÂŎÀÝĂĂ: news:%23QWSNyXTEHA.3580@TK2MSFTNGP09.phx.gbl...

> *If I'm reading your Q correctly it seems that you have 2 domains?*

> *A DC/GC only authN users from their own naming context which means you need*

> *to have at least one DC from each domain in the site where the users are,*

> *unless you wan't them to authN over the WAN.*

>

> *Regards,*

> */Jimmy*

> --

> *Jimmy Andersson, Q Advice AB*

> *Microsoft MVP – Directory Services*

> ----- *www.qadvice.com* -----

>

>

> *"Rostislav Nedosekin" <rostik-xeon@remove_it.yandex.ru> wrote in message*

> *news:00N7WoXTEHA.2128@TK2MSFTNGP11.phx.gbl...*

> > *You gave answer is not for the question I asked it seems to me.*

> > *I understand all troubles with GC unavailability. But the question was*

"is

> > *it nessesary to place 2 DC for each domain in Site1, if I don't want users*

> > *login in Central site. I thought, that GC will serve to clients from*

both

> > *domains..*

> >

> > *Dmitry Korolyov seems to me gave the answer.*

> > *So thank you all.*

> > *"Eric Fleischman [MSFT]" <efleis@online.microsoft.com> ???????/?????????*

?

> > *????????? ??????????: news:%236vmAYWTEHA.3700@TK2MSFTNGP09.phx.gbl...*

> > *I'd add a little bit here.....*

> > *Once the domain functional level is >=2k native, a GC is required for*

> > *authentication of users. That said, if you have a DC in such a domain*

that

> > *can not contact a GC and other criteria are not the case (namely, you
> aren't
> using universal group caching on 2k03 and you haven't set NoGCLogon on
the
> DC) user auth will fail.*
> >
> > *In your case, that would mean if the GC in the site goes down and the
> remote
> GC is not reachable, users would have authentication problems.*
> >
> > *I'd recommend making all DCs in to GCs.*
> > *In the case of the IM being on a GC, that is not a problem in two
> conditions:*
> > *1) If you only have a single domain, the IM can be on a GC – not your
> condition*
> > *2) If all DCs in the domain in question (as the IM is a domain FSMO
role)
> are GCs, then the IM can be on a GC. – this is the situation you are in,
> as
> making the IM in to a GC would mean both DCs in each domain (you said
> there
> are two in each) will be GCs, and that would be ok.*

> >

> > *~Eric*

> >

> > --

> > *Eric Fleischman [MSFT]*

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rights*

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> > *"Dmitry Korolyov [MVP]" <d__k@removethispart.mail.ru> wrote in message*

> > *news:uBp1jEWTEHA.2336@TK2MSFTNGP10.phx.gbl...*

> > *Global catalog can only process logon requests for accounts in the same*

> > *domain for which it is a domain controller. Only a DC for appropriate*

> > *domain*

> > *can process logon requests and authenticate users. So I believe what you*

> > *described seems fine.*

> >

> > --

> > *Dmitry Korolyov [d__k@removethispart.mail.ru]*

> > *MVP: Windows Server – Active Directory*

> >

> >

> > *"Rostislav Nedosekin" <anonymous@discussions.microsoft.com> wrote in
> message*

> > *news:1960f01c44d5b\$906446b0\$a601280a@phx.gbl...*

> > *Hello. I've got such situation.*

> > *I have 2 domains: "company.com" and "child.company.com"*
> > *I've got 2 sites, "Central" and remote "Site1"*
> > *I've got 2 Domain controllers (DC) for both domains in*
> > *central site. One of each DC is Global Catalog (GC) and*
> > *the second is Infrastructure Master (IM).*
> > *I place one more DC of company.com domain in Site1 and*
> > *make it GC.*
> > *All site information, it's subnet is configured properly*
> > *in active directory.*
> > *In Site1 I have workstations which belongs to company.com*
> > *and child.company.com domain. Workstations IP's belongs to*
> > *Site1 subnet. When user login to company.com domain, his*
> > *logon server is DC for company.com in Site1. When user*
> > *login to child.company.com, his logon server is DC for*
> > *child.company.com in site Central.*
> > *The question is: "is it ok? I expected, that domain*
> > *controller for company.com in Site1, which is GC will be*
> > *logon server for all workstations in all domains in Site1.*
> > *Is there any misconfigure?*
> >
> >
>
>