

Re: Isolated member server won't authenticate with Isolated DC

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2005-10/msg00132.html

- *From:* "Cary Shultz [A.D. MVP]" <cwshultz@xxxxxxxx>
 - *Date:* Thu, 6 Oct 2005 02:01:48 -0400
-

A GC is really only needed in a Native Mode AD environment. And I am pretty sure that you can change this, too....

It all depends on what David is going to do. Usually when you take a production DC out of production and put it in an isolated test environment you would have to do a metadata cleanup in the production lab (aka: remove all references to the 'lab' DC) and seize the FSMO roles in the test lab (via ntdsutil). However, this assumes that this DC will not be put back in the production environment. Well, not without a dcpromo cycle....

Also, it would be a really good idea to make that DC a Global Catalog Server....eventhough I stated above that a GC is only really needed in a Native Mode AD environment.

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<http://www.activedirectory-win2000.com>
(soon to be updated!!!)
<http://www.grouppolicy-win2000.com>
(soon to be updated!!!)

"Jorge_de_Almeida_Pinto" <UseLinkToEmail@xxxxxxxxxxxxxxxxxxxxx> wrote in message news:3_1429509_9564bc7564705cc979d7cf38416817ae@xxxxxxxxxxxxxxxxxxxxxxxxx

> "" wrote:
>> Hopefully someone can answer with the reason why this doesn't
>> work.
>>
>> I ran dcpromo on a server, and made it a DC. This DC has none
>> of the
>> FSMO roles on it and is not a global catalog server. However
>> everything
>> seems to work ok within the domain. I take this DC, power it

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>> off, and
>> hook it up to an isolated network. I take another member
>> server in the
>> same domain, power it off, and plug it into this isolated
>> network and
>> power it back on. Now there are 2 machines on an isolated
>> switch; a DC,
>> and a member server. I can log in as administrator (presumably
>> cached),
>> but not as any other user. It tells me the domain is
>> unavailable. OH..
>> one other thing this isolated DC is also a DNS server and all
>> the
>> setting are set up properly to see it. The only errors I am
>> getting are
>> those replication stuff. I'm wondering if there is an obvious
>> reason
>> that I'm missing. I don't have this setup anymore so I'd have
>> put it
>> back into a test lab to duplicate.
>>
>> -D
>
> You said it yourself. The DC is not a GC and as it is the only non-GC
> and DC in your testlab users will not be able to authenticate.
> For logon a GC IS needed (to check for universal group memberships
> throughout the forest if you use them or not). When no GCs are
> available only the administrator can log on otherwise no one would be
> able to troubleshoot (chicken and egg story)
>
> --
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> request
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