

RE: Provide feedback to DC promotion/replacement

Source:

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- *From:* tnt <tnt@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 17 Oct 2007 13:16:01 -0700
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Masterplan,

I was worry for a second. Anyways, our domain are at Windows 2003 already so I am ignoring this part.

Also, since I am installing the new DC (DC3), I wouldn't install anything besides DNS and promote it.

How do I tell which of my current DCs has the CA installed?

Thanks,
Tnt

"Masterplan" wrote:

To be able to raise domain functional level to Windows Server 2003, all the domain controllers in the domain must be Windows Server 2003. To raise it, go to Active Directory Users and Computers. In the console tree, right-click the domain node and then click Raise Domain Functional Level.

By default, the CA is not installed after a clean Windows installation or after a domain controller promotion. You can install a CA at any time from add/remove Windows components.

"tnt" wrote:

Masterplan,

Can you elaborate what the functinal level must be set to Windows Server 2003 mean?

I read it in the article too.

Are you saying all servers should be windows 2003 or just that server cannot provide any more services than it needs?

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By default, does the CA installed?

Thanks,
Tnt

"Masterplan" wrote:

To rename a domain controller using the Netdom.exe tool, the domain functional level must be set to Windows Server 2003. Take care if you have certificate authority on a dc, because domain controllers running Certificate Authority services (CA) can never be renamed.

Good luck!

"agt" wrote:

You might run into few problem there.

1. Once promote DC3 into DC. You can not rename.
2. Make sure DC3 has GC enable.

"tnt" wrote:

Guys,

I posted this question a while back, but never had time to run through the test. Anyways, here is the info:

We have DC1 & DC2 (domain controller & DNS). My goal is to replace DC1 in the near future since the raid 1 controller failed on us (no more raid). On DC1, we also have the TS Licensing Server.

Part of the goal is to add DC3 (domain controller) into the domain and then in the long run demote DC1

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(retire for good) and rename DC3 to DC1. Right now DC1 has all the master operation roles.

Here is what I like to do in different timeframe (the week sequence is just an example that I like to do in different time):

Week 1

- 1) Join DC3 to domain.
- 2) Install DNS and do nothing since it will replicate from AD
- 3) Promote to DC
- 4) Netdiag/dcdiag tests

Week 2

- 1) Transfer FSMO roles from DC1 to DC2
- 2) Netdiag/dcdiag tests

Week 3

- 1) Demote DC1 and bring it offline.
- 2) Rename DC3 to DC1 and reuse old IP address of DC1 (using netdomcomputername).
- 3) Reinstall TS Licensing Server on the new DC1 (Call MS to reactivate licenses)
- 4) Netdiag/dcdiag tests
- 5) Pray (joke).

Questions:

- 1) What else do I have to do besides the FSMO roles transfer? Also, during this procedure, would it affect live production—meaning any

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users/clients?

2) On week 1, client workstation still use DC1 & DC2 as their DNS, so nothing will change with them.

Please provide feedback. I will post more questions as I go.

Thanks,
TNT