

RE: Win NT to Win2k3 Upgrade

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.migration/2005-06/msg00118.html>

- *From:* v-amanwa@xxxxxxxxxxxxxxxxxxxxxxxx (Amanda Wang [MSFT])
 - *Date:* Fri, 10 Jun 2005 09:06:55 GMT
-

Hello,

Good to hear from you.

You encountered a problem when upgrading and the error is as following:

Windows small business server 2003 premium edition and it has an upgrade sticker on it as well.

>From the error, it seems that you want to upgrade to Windows Small Business Server 2k3. Am I right?

If you are performing upgrade from Windows NT Server to Windows 2003 Server, I will glad to work on with you. Also could you send the detailed and accurate error information above to me so that I can perform further research on this issue?

Thanks for your time and effort.

Thanks & Regards

Amanda Wang [MSFT]

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=====
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=====

>Thread-Topic: Win NT to Win2k3 Upgrade
>thread-index: AcVtD/N3xLeGSOioTOWvIEQ5E86/pQ==
>X-WBNR-Posting-Host: 196.38.71.29

RE: Win NT to Win2k3 Upgrade

>From: "=?Utf-8?B?SmVyZW15IEo=?=" <JeremyJ@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
>References: <66494CB2-179D-4F04-8A40-2EB15B96B6E0@xxxxxxxxxxxxxxxx>
<smUyYAbFHA.388@xxxxxxxxxxxxxxxxxxxxxxxx>
<1829900E-BCF9-4C63-8771-B38B0C612408@xxxxxxxxxxxxxxxx>
<MmS4e3LbFHA.3336@xxxxxxxxxxxxxxxxxxxxxxxx>
>Subject: RE: Win NT to Win2k3 Upgrade
>Date: Thu, 9 Jun 2005 09:26:12 -0700
>Lines: 262
>Message-ID: <A87299EB-167A-4871-99A5-08C894B059EF@xxxxxxxxxxxxxxxx>
>MIME-Version: 1.0
>Content-Type: text/plain;
> charset="Utf-8"
>Content-Transfer-Encoding: 7bit
>X-Newsreader: Microsoft CDO for Windows 2000
>Content-Class: urn:content-classes:message
>Importance: normal
>Priority: normal
>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0
>Newsgroups: microsoft.public.windows.server.migration
>NNTP-Posting-Host: TK2MSFTNGXA03.phx.gbl 10.40.2.250
>Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGXA03.phx.gbl
>Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.migration:10580
>X-Tomcat-NG: microsoft.public.windows.server.migration
>
>Hi Amanda, ok followed the route where i made a bdc then upgraded to pdc.
>Installed Service pack 6a, installed
>IE6. On the box it says : Windows small business server 2003 premium
edition
>and it has a upgrade sticker on it aswell. I insert CD1, goto i386 dir and
>run winnt32.exe. It launches but it does not give me the option to upgrade.
>What could be the problem?
>
>"Amanda Wang [MSFT]" wrote:
>
>> Hello,
>>
>> I'm glad to hear from you.
>>
>> First, please help me confirm your current demands:
>>
>> 1. Your old NT4 server's hardware cannot support Win2k3 server and you
want
>> to install Win2k3 on a new box
>> 2. You want to keep the original domain name in new Win2k3 domain
>> 3. There are many users and profiles under my current domain name
>>
>> For the current situation and based on my experience, it is recommended
to
>> use the upgrade process to achieve the goal, it just like your second
>> concern as following and it should be a good way, however you need to
make

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>> sure you have another machine which can support both WinNT and Win2k3
>> server.

>>

>> What if I add a bdc to current domain with pdc (NT4), take the bdc of
the

>> net and promote it to pdc, upgrade to Win2k3, take the original NT4 pdc
of

>> the network and add the new win2k3 pdc to the network. Will that also
work?

>>

>> Following are the detailed steps about how to perform upgrade process:

>>

>> As a kind reminder, please backup the whole system before you take any
>> action. Also, it is best if you perform the upgrade process during a
>> non-business time such as the weekend.

>>

>> 1.Install NT 4.0 BDC on the new box.

>>

>> 2.Promote the BDC to the PDC, which demotes the PDC to a BDC.

>>

>> 3.Do a full backup of the former PDC and remove it from the network.

>>

>> 4.Upgrade the new PDC to Windows Server 2003.

>>

>> 5.Use the Windows Server 2003 Active Directory wizard to turn on the
Active

>> Directory service. The Active Directory service imports the existing
user

>> accounts, groups, and other settings from the PDC.

>>

>> How to Verify an Active Directory Installation

>> <http://support.microsoft.com/default.aspx?scid=kb:en-us:298143>

>>

>> 6.Run for a test period.

>>

>> 7.Add the new Windows Server 2003, and bring it online as an Active
>> Directory domain controller.

>>

>> 8.Transfer GC and all Flexible Single-Master Operation (FSMO) roles to
the

>> new Windows Server 2003 domain controller.

>>

>> About how to transfer GC and FSMO, please refer to the following
articles:

>>

>> Configure a domain controller as a global catalog server (Windows Server
>> 2003)

>>

>> <http://www.microsoft.com/technet/prodtechnol/windowsserver2003/proddocs/stan>

>> dard/msmqconcepts/msmq_inst_set_gc.asp

>>

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>> 255690 – HOW TO View and Transfer FSMO Roles in the Graphical User

>> Interface:

>>

<http://support.microsoft.com/default.aspx?scid=kb;en-us;255690&Product=win20>

>> 00#4

>>

>> 9. Verify all directory information has replicated.

>>

>> Verify successful replication to a domain controller

>>

[http://www.microsoft.com/technet/prodtechnol/windowsserver2003/library/Opera](http://www.microsoft.com/technet/prodtechnol/windowsserver2003/library/Operations/00e7f86b-ccd3-4cb8-9a01-bf747241b500.msp)

>> tions/00e7f86b-ccd3-4cb8-9a01-bf747241b500.msp

>>

>> 10. Demote the first domain controller to a member server, and remove from

>> the domain.

>>

>> HTH!

>>

>> Thanks & Regards

>>

>> Amanda Wang [MSFT]

>>

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>>

>> =====

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>> that others may learn and benefit from your issue.

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>> -----

>> >Thread-Topic: Win NT to Win2k3 Upgrade

>> >thread-index: AcVsJ5zBSIHCJJ3wTRY/xkRhxXBdug==

>> >X-WBNR-Posting-Host: 196.38.71.29

>> >From: "=?Utf-8?B?SmVyZW15IEo=?" <JeremyJ@xxxxxxxxxxxxxxxxxxxxxxxx>

>> >References: <66494CB2-179D-4F04-8A40-2EB15B96B6E0@xxxxxxxxxxxx>

>> <s#mUyYAbFHA.388@xxxxxxxxxxxxxxxxxxxx>

>> >Subject: RE: Win NT to Win2k3 Upgrade

>> >Date: Wed, 8 Jun 2005 05:43:03 -0700

>> >Lines: 126

>> >Message-ID: <1829900E-BCF9-4C63-8771-B38B0C612408@xxxxxxxxxxxx>

>> >MIME-Version: 1.0

>> >Content-Type: text/plain;

>> > charset="Utf-8"

>> >Content-Transfer-Encoding: 7bit

>> >X-Newsreader: Microsoft CDO for Windows 2000

>> >Content-Class: urn:content-classes:message

RE: Win NT to Win2k3 Upgrade

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>> >Importance: normal
>> >Priority: normal
>> >X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0
>> >Newsgroups: microsoft.public.windows.server.migration
>> >NNTP-Posting-Host: TK2MSFTNGXA03.phx.gbl 10.40.2.250
>> >Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGXA03.phx.gbl
>> >Xref: TK2MSFTNGXA01.phx.gbl
microsoft.public.windows.server.migration:10551
>> >X-Tomcat-NG: microsoft.public.windows.server.migration
>> >
>> >Thank you for your quick response. I have some more questions, I
>> >dont want to change domain names cause i have alot of users
>> >and profiles under my current domain name, or is there a way
>> >to move profiles on pc's from one domain to another domain?
>> >Another question to this upgrade issue. What if i add a bdc to
>> >current domain with pdc (NT4), take the bdc of the net and promote
>> >it to pdc, upgrade to Win2k3, take the original NT4 pdc of the network
>> >and add the new win2k3 pdc to the network. Will that also work ?
>> >
>> >
>> >"Amanda Wang [MSFT]" wrote:
>> >
>> >> Hello,
>> >>
>> >> Thanks for your post.
>> >>
>> >> I understand you encountered the issue that Win2k workstations cannot
>> >> see
>> >> the new Win2k3 PDC. If I have misunderstood, please feel free to let
>> >> me
>> >> know.
>> >>
>> >> From your description, it seems that you manually entered the users
>> >> and
>> >> computers account into new Win2k3 PDC. Actually, even though the
>> >> recreated
>> >> user account has the same name as the original one. However, it has
>> >> fully
>> >> different SID. That is to say, in nature it is a different user
>> >> account
>> >> from the original one in Windows NT domain. Therefore, for your
>> >> current
>> >> situation is that original WinNT hardware cannot support Win2k3, I
>> >> recommend you perform the following migration steps to achieve the
>> >> goal:
>> >>
>> >> Step 1: Install new Win2k3 system
>> >>
>> >> Step 2: Establish trusts between WinNT and Win2k3 to refer the
>> >> following
>> >> article:

RE: Win NT to Win2k3 Upgrade

>>> Note: The Windows 2k3 domain has different domain name as the Windows NT

>>> domain.

>>> How To Establish Trusts with a Windows NT–Based Domain in Windows Server

>>> 2003

>>> <http://support.microsoft.com/default.aspx?scid=kb:en-us:325874>

>>>

>>> Step 3: Use ADMT tool to migrate the resources from old domain to new

>>> domain.

>>>

>>> You can download ADMT from the link below:

>>> Active Directory Migration Tool v.2.0

>>>

>>

[http://www.microsoft.com/downloads/details.aspx?FamilyID=788975b1-5849-4707-](http://www.microsoft.com/downloads/details.aspx?FamilyID=788975b1-5849-4707-9817-8c9773c25c6c&DisplayLang=en)

>>> 9817-8c9773c25c6c&DisplayLang=en

>>>

>>> About how to migrate from NT to 2003 by using ADMT, please refer to:

>>>

>>> Migrating from Windows NT Server 4.0 to Windows Server 2003

>>>

>>

[http://www.microsoft.com/downloads/details.aspx?FamilyID=e92cf6a0-76f0-4e25-](http://www.microsoft.com/downloads/details.aspx?FamilyID=e92cf6a0-76f0-4e25-8de0-19544062a6e6&DisplayLang=en)

>>> 8de0-19544062a6e6&DisplayLang=en

>>>

>>> During migration process, the Recommended Migration Order is listed

>> below

>>> for your reference:

>>> 1. Domain Global Group

>>> 2. Domain Local Group

>>> 3. User migration

>>> 4. Computer migration

>>>

>>> For detailed migration order you can refer to the following article

and

>> pay

>>> more attention to the Figure 9.8:

>>>

>>

<http://www.microsoft.com/technet/prodtechnol/windows2000serv/deploy/cookbook>

>>> /cookchp9.msp

>>>

>>> Step 4: Retire the old WinNT domain.

>>>

>>> HTH!

>>>

>>> Thanks & Regards

>>>

>>> Amanda Wang [MSFT]

>>>

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>> >> -----
>> >> >Thread-Topic: Win NT to Win2k3 Upgrade
>> >> >thread-index: AcVr9nBAGw4VOBj8SQKNkEO7cHQ2dw==
>> >> >X-WBNR-Posting-Host: 196.38.71.29
>> >> >From: "?Utf-8?B?SmVyZW15IEo=?" <JeremyJ@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
>> >> >Subject: Win NT to Win2k3 Upgrade
>> >> >Date: Tue, 7 Jun 2005 23:51:03 -0700
>> >> >Lines: 13
>> >> >Message-ID: <66494CB2-179D-4F04-8A40-2EB15B96B6E0@xxxxxxxxxxxx>
>> >> >MIME-Version: 1.0
>> >> >Content-Type: text/plain;
>> >> > charset="Utf-8"
>> >> >Content-Transfer-Encoding: 7bit
>> >> >X-Newsreader: Microsoft CDO for Windows 2000
>> >> >Content-Class: urn:content-classes:message
>> >> >Importance: normal
>> >> >Priority: normal
>> >> >X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0
>> >> >Newsgroups: microsoft.public.windows.server.migration
>> >> >NNTP-Posting-Host: TK2MSFTNGXA03.phx.gbl 10.40.2.250
>> >> >Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGXA03.phx.gbl
>> >> >Xref: TK2MSFTNGXA01.phx.gbl
>> microsoft.public.windows.server.migration:10545
>> >> >X-Tomcat-NG: microsoft.public.windows.server.migration
>> >> >
>> >> >I have recently upgraded out network from NT4 to Win2k3. The NT
Domain
>> >> >Controller (DC) is a old P1 machine and is inadequate for Win2k3S. I
>> >> >installed it on a P4 machine and disconnected the NT4 DC from the
>> network.
>> >> >Entered computers and users on Win2k3 machine.
>> >> >The Win2k Pro machine does not see the new Win2k3 PDC and defaults
to
>> >> local
>> >> >profile on hdd, no shares work and there's no authentication for
these
>> >> win2k
>> >> >machines.
>> >> >All the pc's have static ip's and a gateway and our ISP's dns

servers

>>>> settings is used as I connect through dedicated line to our sister

>>>> company's

>>>> proxy.

>>>>>

>>>>> Why cant the Win2k machine's see the new PDC?

>>>>>

>>>>>

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• **Follow-Ups:**

◆ **RE: Win NT to Win2k3 Upgrade**

◇ From: Jeremy J

• **References:**

◆ **Win NT to Win2k3 Upgrade**

◇ From: Jeremy J

◆ **RE: Win NT to Win2k3 Upgrade**

◇ From: Amanda Wang [MSFT]

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◇ From: Amanda Wang [MSFT]

◆ **RE: Win NT to Win2k3 Upgrade**

◇ From: Jeremy J

• Prev by Date: **RE: NT4 Migration path**

• Next by Date: **RE: Win NT to Win2k3 Upgrade**

• Previous by thread: **RE: Win NT to Win2k3 Upgrade**

• Next by thread: **RE: Win NT to Win2k3 Upgrade**

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