

## RE: IUSR\_ (Server A) -> Account Unknown (Server B) problem

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.migration/2007-12/msg00065.html>

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- *From:* [v-morche@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:v-morche@xxxxxxxxxxxxxxxxxxxxxxxx) (Morgan che(MSFT))
  - *Date:* Wed, 19 Dec 2007 09:40:44 GMT
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Dear Customer,

Thanks for your posting here.

After viewing your post, my understanding is as following:

After you move the data from a old Windows Server 2003 computer to a new one, you noticed that the previous IUSR\_ServerName account is displayed as "Account Unknown (S-1-5-21...)".

Your concern is that if there is a more simply way to configure folders and files' permissions on your new server according to your old Windows 2003 server instead of modifying them one by one.

If there is any misunderstanding, please let me know.

Analysis:

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It is the expected behavior that "Account Unknown (S-1-5-21...)" but not the user name is displayed. Also, I am sorry to say that you may still need to adjust the permissions manually. Please allow me to explain why it happens first.

1. Each user account has a unique SID. In this case, the two IUSR\_ServerName accounts are different user accounts because they have different SIDs, although their display names are the same.
2. The string of "S-1-5-21..." is the SID of the previous IUSR\_ServerName account. The new IUSR\_ServerName account on the newly installed system should have a different SID.
3. The NTFS authorization is based on ACL (Access Control List) as we know. ACL includes many ACEs (Access Control Entry) to realize authorization, which mainly consists of SID (Security Identifier) and specific permissions that user or system has. Please note that SIDs but not the user display

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names are used here.

4. Why in most cases we see the user accounts' friendly display names but not their SIDs directly when viewing the NTFS permissions? This is because Windows system "translates" the SIDs to their corresponding user account names.

5. In this issue, the newly installed system does not know the old SID, and cannot translate it to its account name. As a result, "Account Unknown (S-1-5-21...)" is displayed.

Therefore, it is the expected behavior.

Also, I am sorry to say that we still need to manually adjust settings (delete the "Account Unknown (S-1-5-21...)" items and assign the new IUSR\_ServerName account with necessary permissions)>

Hope this helps. Thanks!

Sincerely  
Morgan Che  
Microsoft Online Support  
Microsoft Global Technical Support Center

Get Secure! – [www.microsoft.com/security](http://www.microsoft.com/security)

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--->From: "dthomas trenn" <fake@xxxxxxxxxxxx>  
--->Subject: IUSR\_ (Server A) -> Account Unknown (Server B) problem  
--->Date: Tue, 18 Dec 2007 12:29:01 -0400  
--->Lines: 22  
--->X-Priority: 3  
--->X-MSMail-Priority: Normal  
--->X-Newsreader: Microsoft Outlook Express 6.00.2800.1914  
--->X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2800.1914  
--->Message-ID: <ejOTkMZQIHA.5164@xxxxxxxxxxxxxxxxxxxxxx>  
--->Newsgroups: microsoft.public.windows.server.migration  
--->NNTP-Posting-Host: fredo.youngmonkey.ca 198.164.249.133  
--->Path: TK2MSFTNGHUB02.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTNGP03.phx.gbl  
--->Xref: TK2MSFTNGHUB02.phx.gbl  
microsoft.public.windows.server.migration:2689  
--->X-Tomcat-NG: microsoft.public.windows.server.migration  
--->  
--->I'm migrating from one Windows 2003 Server that is near death, to another

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---->one. I've managed to resolve most everything int ransfering data except  
one  
---->thing. When copying the folder/file structure for to the new server, I  
am  
---->getting errors with permissions from IIS Web Service Extensions. When I  
look  
---->at the permissions on the old server, I see the user  
IUSR\_ServerName.... but  
---->on the new server where the folders/files have been copied to, it  
indicates  
---->"Account Unknown(S-1-5-21...)" instead of IUSR\_ServerName. To save me  
from  
---->having to set the permissions on way too many folders/files, is there a  
---->simple way to resolve this on the new server? Note that I have set up  
the  
---->new server identical to the old server, so it has the exact same  
ServerName,  
---->and the files are in identical places (C:\...) which hopefully will  
simply  
---->things.  
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---->  
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---->  
---->dhomas trenn  
---->founder, creative interpreter - young monkey  
---->  
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----><http://www.youngmonkey.ca/>  
---->  
---->  
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