

RE: MOSS 2007 import users errors

Source:

<http://www.tech-archive.net/Archive/SharePoint/microsoft.public.sharepoint.portalserver/2006-07/msg00108.html>

- *From:* David Dean <DavidDean@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 6 Jul 2006 14:35:02 -0700
-

OK – I think I have come up with a patch to fix this problem.

From looking at the error log, it appears that somewhere in the SharePoint code a URL is being created to represent the import of a user account. This URL is formatted like:

```
spsimport://f4563f11-3742-498c-bbc5-54a9e2b194b2/domain.name?cn=last/,  
first,ou=*****,ou=*****,dc=*****,dc=*****
```

You can see these URLs in the MSSCrawlURL and MSSCrawlURLLog tables within the Search_DB for the shared services provider. Take a close look at the URL parameter and you will see the AD common name (cn) property used as an argument.

Apparently, the code that is formatting this URL has a bug where it tries to escape invalid characters, but uses a forward slash instead of a backslash. This causes the URL to be misinterpreted and rejected.

To work around the problem, I found the stored procedures for the Office Search service that were being used to populate the MSSCrawlURL table and added a patch to fix the incorrectly-formatted URLs by changing the forward slashes within the cn parameter to backslashes. After applying the patches, I was able to successfully complete the AD import and all the user profile data appears to be correct.

I changed the following stored procedures in the SharedServices_Search_DB:

- proc_MSS_ProcessNew
- proc_MSS_ProcessLink
- proc_MSS_ProcessCommitted
- proc_MSS_ProcessDelete

To apply the patch, add the following code to the beginning of each of the stored procedures listed above:

```
-----  
-- PATCH: Fix badly formatted spsimport URLs  
IF (@AccessUrl LIKE N'spsimport://%?cn=%/%' OR @DisplayUrl LIKE  
N'spsimport://%?cn=%/%')  
BEGIN
```

RE: MOSS 2007 import users errors

```
DECLARE @pos int, @len int
```

```
SET @pos = PATINDEX('%?cn=%', @AccessUrl)
IF @pos > 0
BEGIN
SET @len = LEN(@AccessUrl)
SET @AccessUrl = LEFT(@AccessUrl, @pos-1) +
REPLACE(SUBSTRING(@AccessUrl, @pos, @len-@pos+1), '/', '\')
SET @AccessHash = BINARY_CHECKSUM(@AccessUrl)
END
```

```
SET @pos = PATINDEX('%?cn=%', @DisplayUrl)
IF @pos > 0
BEGIN
SET @len = LEN(@DisplayUrl)
SET @DisplayUrl = LEFT(@DisplayUrl, @pos-1) +
REPLACE(SUBSTRING(@DisplayUrl, @pos, @len-@pos+1), '/', '\')
SET @DisplayHash = BINARY_CHECKSUM(@DisplayUrl)
END
END
```

After applying the modified procedures, you should be able to import the remaining profiles.

--
David Dean
Sr. Member Technical Staff
Insource Technology Corp.

"Brian Shelden" wrote:

No solution that I am aware of.

"David Dean" wrote:

Has anyone found a resolution or workaround for this issue? We are having what appears to be the same problem.

Users with a displayName that includes commas (such as Last, First) are not being imported into the list of user profiles. There are a number of errors in the import log with the message "Exception from HRESULT: 0x80005000 (An invalid directory pathname was passed)" for the content source

RE: MOSS 2007 import users errors

PEOPLE_IMPORT.

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David Dean
Sr. Member Technical Staff
Insource Technology Corp.

"Dillon" wrote:

I've been tearing though the system trying to find a resolution
but have not
yet.

Hopefully we'll get some input here.

"Brian Shelden" wrote:

Yes, the account names are "LastName,
FirstName".
I thought of this originally, but since 327
accounts made it in, I _assumed_
at least some of those accounts were getting
in. Once you asked the
question, I looked only to find that none of
the imported accounts have
commas in them.

So it seems that a comma in the name is
causing the error during import.
Any ideas on how to work around this?

-- Brian

"Dillon" wrote:

I am getting the same error,
with no information
available. It appears to
affect my user accounts
only, not shared accounts.
Do your CN's/DN's have
escaped characters in them
(commas?)?

"Brian Shelden" wrote:

RE: MOSS 2007 import users errors

I have an
Import
Connection
pointing to
AD and a
specific
OU.
After
running a
Full Import,
there are
327
profiles.
When I use
the same
search base
and filter in
LDP, I get
870 entries.
When I look
in the Crawl
Log there
are 639
errors and
they appear
to all be the
same:
Exception
from
HRESULT:
0x80005000
(An invalid
directory
pathname
was passed
)

Why is this
happening?
Where do I
look for
more
information
on what
path is
erroring
out?

I know it's
beta2, but I
would have

RE: MOSS 2007 import users errors

guessed that
importing
users
works...