

# Re: Invalid Descriptor Index

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*Source:*

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.replication/2006-10/msg00025.html>

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- *From:* colinlr <[colinlr@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:colinlr@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 4 Oct 2006 01:52:02 -0700
- 

It's interesting that there doesn't seem to be any logical solutions or pointers to this error message. I searched extensively prior to posting ( on several forums ) and I haven't seen one solution other than re-installing sp3 – which doesn't apply here. I have asked that the data centre re-patch but I don't know when that will be.

I have to admit I rarely post problems I encounter, as, like now, I never seem to find a resolution – it's very frustrating !!!  
Such is life I guess.

"Hilary Cotter" wrote:

Use a pre or post snapshot script to deploy the schema only objects then.

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Hilary Cotter  
Director of Text Mining and Database Strategy  
RelevantNOISE.Com – Dedicated to mining blogs for business intelligence.

This posting is my own and doesn't necessarily represent RelevantNoise's positions, strategies or opinions.

Looking for a SQL Server replication book?  
<http://www.nwsu.com/0974973602.html>

Looking for a FAQ on Indexing Services/SQL FTS  
<http://www.indexserverfaq.com>

"colinlr" <[colinlr@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:colinlr@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
<news:E870FE9C-8794-4E27-AD96-CEDE11FD7103@xxxxxxxxxxxxxxxxxxxx>

I have to provide a scripted solution for replication, using the GUI is not an option for a controlled environment. It all works fine on the test boxes,  
and yes I'm using the snapshot to move the non table objects. It provides a

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simplified solution for the client if everything is within one publication,  
less chance of mistakes, and they ( or another DBA ) will have to support my work after I've gone. There are in truth a number of routes I could take but a consistent method of implementing changes is important. Anyway I digress – it works except on the production cluster, if I could extract a more useful error message or figure out how to run the distributor command out of the agent job ?? Unless I can get a handle on the problem there is no way to go to the data centre providers so currently we have an impasse as I figure it's the server config but without some measure of documented proof I can't approach the data centre.

"Hilary Cotter" wrote:

Two considerations. 1) use snapshot replication for replicating schema only objects – like functions, views, stored procedures. Snapshot replication is the only replication type which picks up schema changes. 2) try to use sp\_addscriptexec to deploy your function if you deployed your snapshot through a unc. It does not work using ftp.

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"colinlr" <colinlr@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
news:45033792-E26F-4936-B81B-41E4FAE9D7A3@xxxxxxxxxxxxxxxxxxxx

Hah – well there's a point, I'm actually replicating a function, although I did try a table and a procedure all produced the same result. have removed and replaced replication about twelve times with no change to result. will ask about having the sp re-installed but as it's hosted, not sure. I could try for 2187 rollup I guess.

"Hilary Cotter" wrote:

This is a hoary problem with no good solution I know of. Some people have reported success by  
1) remove and re-enabling replication (not an option on a clustered server)  
2) applying the sp again  
3) rearranging the order of columns so the text column is not the last column in the table. This would require a recreating of the table.

Can you enable logging to determine which table it is breaking on?

<http://support.microsoft.com/default.aspx?scid=kb:en-us:312292&sd=tech>

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Director of Text Mining and Database Strategy  
RelevantNOISE.Com –

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"colinlr"  
<colinlr@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote in message  
<news:872587F6-346A-46F9-80D3-6A3C6660B7C0@xxxxxxxxxxxxxxxxxxxx>

I'm testing  
db to db  
transactional  
replication  
on a box (  
all on the  
same  
box  
) and the  
distribution  
agent fails  
with the  
above error.  
I know it's  
something  
to do with  
the physical  
server as  
this test  
works on  
other  
servers  
fine. SQL2k  
Ent sp4 on  
w2k3 ent  
sp1. (

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clustered )

Server and  
Agent  
accounts are  
in local  
admins,  
tried push  
and pull,  
named  
and  
anonymous.

Replication  
also fails if  
I use the  
default  
snapshot  
location.

I suspect  
policy  
restrictions  
( maybe on  
the sql  
service  
accounts )

Any  
pointers  
would be  
helpful –  
there are no  
errors other  
than above,  
sadly.

The  
distribution  
Job fails  
with this  
message "  
Invalid  
Descriptor  
Index.  
The step  
failed."

The  
snapshot  
works fine,  
I can see  
snapshots  
created ( as

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I add  
articles  
through tsq  
) the data is  
produced in  
the  
designated  
folder ( not  
the  
default )

When I  
used the  
default  
snapshot  
folder the  
snapshot  
failed with a  
permission  
error –  
couldn't  
write the  
files ( or  
similar )  
which  
with  
the  
services in  
the local  
admins  
makes me  
think this is  
a policy  
thing.

The servers  
are not  
really on the  
domain and  
it's actually  
quite  
tricky  
(  
like a  
collection  
of  
workgroups  
) but that  
shouldn't  
stop local  
replication

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working.