

Re: Encrypted database deployment

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.sqlserver.security/2006-08/msg00253.html>

- *From:* "Roger Wolter[MSFT]" <rwolter@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 21 Aug 2006 12:22:49 -0700
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Did you run a CREATE MASTER KEY in this database before trying the OPEN operation? If so, you just opened the new key you created – not the key the symmetric keys were encrypted with. You may have to go back to your backup that contains the original key.

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"Gerhard" <acsla@xxxxxxxxxxxxxxxxxxxxxx> wrote in message news:54EF76EA-F4ED-44CD-BB7C-3EC017139AAD@xxxxxxxxxxxxxxxxxxxxxx

Thanks. I did still have the password, so ran the below which ran without error.

However, I still get:

Msg 15466, Level 16, State 1, Line 1
An error occurred during decryption.

when I try to open a symmetric key.

Can you help?

Thanks.

"Roger Wolter[MSFT]" wrote:

This issue is that the password is used to encrypt the database master key – it isn't the database master key so you now have two different master keys encrypted with the same password which doesn't help you a lot. If you haven't already blown away the master key, you can re-encrypt it with the new service master key like this:

```
OPEN MASTER KEY DECRYPTION BY PASSWORD = 'password'
```

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ALTER MASTER KEY ADD ENCRYPTION BY SERVICE MASTER
KEY

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"Gerhard" <acsla@xxxxxxxxxxxxxxxxxxxx> wrote in message
<news:0F2B0D28-2A97-4E60-B6B8-1F821177CA87@xxxxxxxxxxxxxxxxxxxx>

I have an encrypted database that I need to move from one
development
environment to another. If I back it up and restore it to the
new
environment, I get decryption errors, even though the Master
Keys have
been
created using the same password CREATE MASTER KEY
ENCRYPTION BY
PASSWORD =

...

How can I move the database to the new environment?

Thanks.