

SQL2005使用证书实现数据库镜像计算机等级考试 PDF转换可能丢失图片或格式，建议阅读原文

[https://www.100test.com/kao\\_ti2020/644/2021\\_2022\\_SQL2005\\_E4\\_BD\\_BF\\_c98\\_644128.htm](https://www.100test.com/kao_ti2020/644/2021_2022_SQL2005_E4_BD_BF_c98_644128.htm) 数据库镜像可以使用两种类型的传输

安全性：Windows 身份验证或基于证书的身份验证，就证书验证的镜像实现做个学习笔记。 配置环境: HOST\_A:

Windows Server 2003 Standard Edition(SP2) SQL Server 2005

Enterprise Edition(SP2 9.00.3042.00) HOST\_B : Windows Server 2003 Standard Edition(SP2) SQL Server 2005 Enterprise

Edition(SP2 9.00.3042.00) 主体 HOST\_A 镜像 HOST\_B 一. 在主体数据库HOST\_A 上: USE master. --a.创建数据库主密钥

CREATE MASTER KEY ENCRYPTION BY PASSWORD =

madefuckgan!. GO --可用以下语句查看生成的数据库主密钥

--SELECT \* from sys.symmetric\_keys . --b.创建一个证书

CREATE CERTIFICATE DB\_HOST\_A\_cert WITH SUBJECT = DB\_HOST\_A certificate for database mirroring , START\_DATE =

12/31/2007 , EXPIRY\_DATE = 12/31/2010 GO --SELECT \* FROM sys.certificates. --c.创建镜像端点 CREATE ENDPOINT

DB\_MIRR STATE = STARTED AS TCP (

LISTENER\_PORT=5021 , LISTENER\_IP = ALL ) FOR

DATABASE\_MIRRORING ( AUTHENTICATION =

CERTIFICATE DB\_HOST\_A\_cert , ENCRYPTION =

REQUIRED ALGORITHM RC4 , ROLE = ALL ). GO --SELECT \*

FROM sys.tcp\_endpoints --SELECT \* FROM

sys.database\_mirroring\_endpoints. --d.备份证书 BACKUP

CERTIFICATE DB\_HOST\_A\_cert TO FILE = D:\db\_A\_run.cer.

GO --e.创建登入 CREATE LOGIN TO\_HOST\_A\_login WITH  
PASSWORD = opentheDoorHostA!. GO CREATE USER  
TO\_HOST\_A\_user FOR LOGIN TO\_HOST\_A\_login. GO 二. 在  
镜像数据库HOST\_B 上: USE master. --1.创建数据库主密钥  
CREATE MASTER KEY ENCRYPTION BY PASSWORD =  
madefuckgan#2!. GO --可用以下语句查看生成的数据库主密钥  
--SELECT \* from sys.symmetric\_keys . --2.创建一个证书  
CREATE CERTIFICATE DB\_HOST\_B\_cert WITH SUBJECT =  
DB\_HOST\_B certificate for database mirroring , START\_DATE =  
12/31/2007 , EXPIRY\_DATE = 12/31/2010 GO --SELECT \* FROM  
sys.certificates. --3.创建镜像端点 CREATE ENDPOINT  
DB\_MIRR STATE = STARTED AS TCP (  
LISTENER\_PORT=5022 , LISTENER\_IP = ALL ) FOR  
DATABASE\_MIRRORING ( AUTHENTICATION =  
CERTIFICATE DB\_HOST\_B\_cert , ENCRYPTION =  
REQUIRED ALGORITHM RC4 , ROLE = ALL ). GO --SELECT \*  
FROM sys.tcp\_endpoints --SELECT \* FROM  
sys.database\_mirroring\_endpoints. --4.备份证书 BACKUP  
CERTIFICATE DB\_HOST\_B\_cert TO FILE = D:\db\_B\_run.cer.  
GO --5.创建登入 CREATE LOGIN TO\_HOST\_B\_login WITH  
PASSWORD = opentheDoorHostB!. GO CREATE USER  
TO\_HOST\_B\_user FOR LOGIN TO\_HOST\_B\_login. GO 100Test  
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