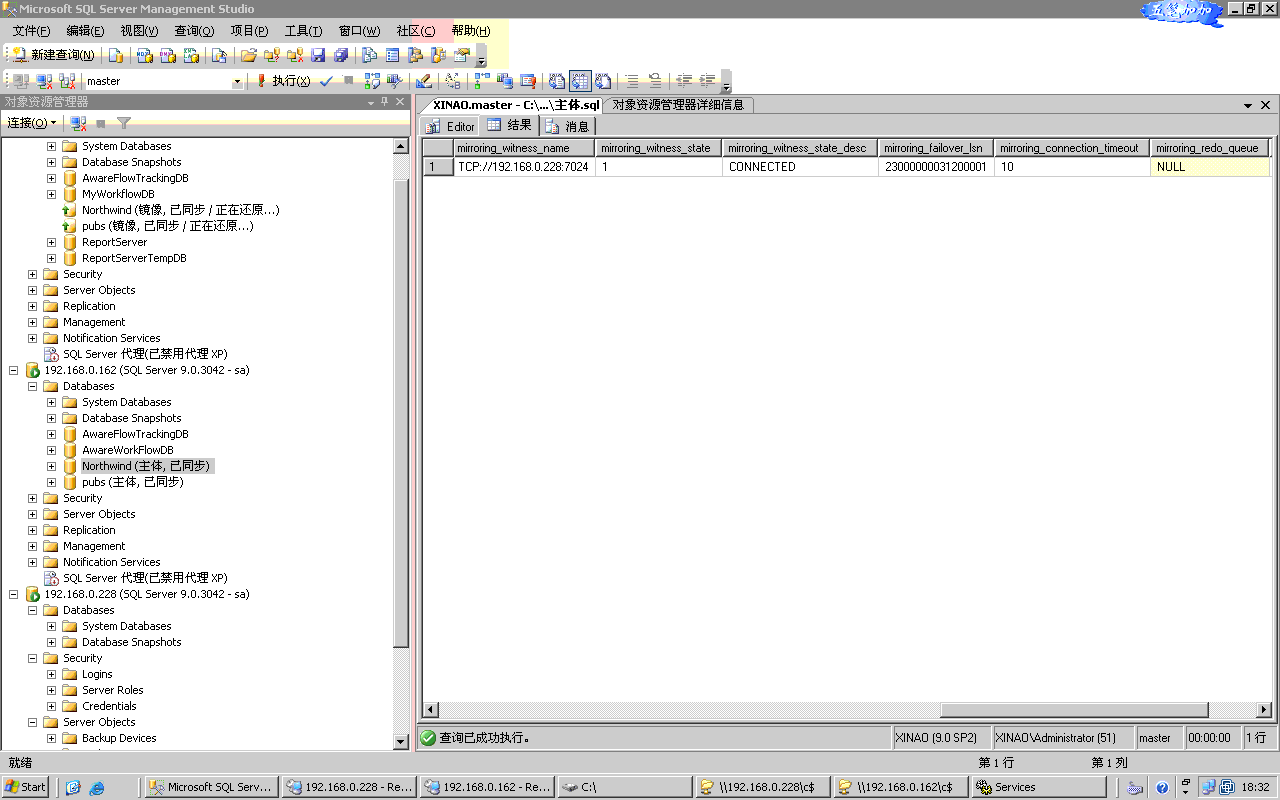
[**非域环境下带自动故障转移数据库镜像的实现方法**](http://blog.csdn.net/leamonjxl/article/details/7336459)

创建镜像包括以下几步:1、创建备份数据库还原至镜像服务器  
2、创建相应的镜像端点  
3、给相应用户分配连接至端点的权限  
4、首先在镜像数据库设置伙伴  
5、然后在主体服务器设置伙伴  
6、在主体服务器设置见证服务器  
HOST-A主体服务器、HOST-B镜像服务器、HOST-C见证服务器（图中228的机器）

http://www.cnblogs.com/Images/OutliningIndicators/ContractedBlock.gif/\*\*/  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--镜像只支持完全恢复模式，在备份数据库之前检查恢复的模式  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--对要镜像的数据库进行完整备份后，复制到镜像数据库以NORECOVERNY选项进行恢复  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP MASTER KEY  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE MASTER KEY ENCRYPTION BY PASSWORD = '<1\_Strong\_Password!>';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--为此服务器实例制作一个证书。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP CERTIFICATE HOST\_A\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE CERTIFICATE HOST\_A\_cert   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   WITH SUBJECT = 'HOST\_A certificate',START\_DATE  = '10/31/2006';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--使用该证书为服务器实例创建一个镜像端点。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP ENDPOINT Endpoint\_Mirroring  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE ENDPOINT Endpoint\_Mirroring  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   STATE = STARTED  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   AS TCP (  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      LISTENER\_PORT=**7024**  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      , LISTENER\_IP = ALL  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   )   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   FOR DATABASE\_MIRRORING (   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      AUTHENTICATION = CERTIFICATE HOST\_A\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      , ENCRYPTION = REQUIRED ALGORITHM AES  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      , ROLE = PARTNER  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   );  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--备份 HOST\_A 证书，并将其复制到其他机器，将 C:\HOST\_A\_cert.cer 复制到 HOST\_B\HOST\_C。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifBACKUP CERTIFICATE HOST\_A\_cert TO FILE = 'C:\HOST\_A\_cert.cer';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--为入站连接配置 Host\_A  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在 HOST\_A 上为 HOST\_B 创建一个登录名。   
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP LOGIN HOST\_B\_login  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE LOGIN HOST\_B\_login WITH PASSWORD = '1Sample\_Strong\_Password!@#';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--创建一个使用该登录名的用户。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP USER HOST\_B\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE USER HOST\_B\_user FOR LOGIN HOST\_B\_login;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--使证书与该用户关联。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP CERTIFICATE HOST\_B\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE CERTIFICATE HOST\_B\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   AUTHORIZATION HOST\_B\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   FROM FILE = 'C:\HOST\_B\_cert.cer'  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--授予对远程镜像端点的登录名的 CONNECT 权限。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGRANT CONNECT ON ENDPOINT::Endpoint\_Mirroring TO [HOST\_B\_login];  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在 HOST\_A 上为 HOST\_C 创建一个登录名。   
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP LOGIN HOST\_C\_login  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE LOGIN HOST\_C\_login WITH PASSWORD = '1Sample\_Strong\_Password!@#';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--创建一个使用该登录名的用户。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP USER HOST\_C\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE USER HOST\_C\_user FOR LOGIN HOST\_C\_login;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--使证书与该用户关联。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP CERTIFICATE HOST\_C\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE CERTIFICATE HOST\_C\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   AUTHORIZATION HOST\_C\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   FROM FILE = 'C:\HOST\_C\_cert.cer'  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--授予对远程镜像端点的登录名的 CONNECT 权限。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGRANT CONNECT ON ENDPOINT::Endpoint\_Mirroring TO [HOST\_C\_login];  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP LOGIN HOST\_A\_login  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE LOGIN HOST\_A\_login WITH PASSWORD = '1Sample\_Strong\_Password!@#';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--创建一个使用该登录名的用户。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP USER HOST\_A\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE USER HOST\_A\_user FOR CERTIFICATE HOST\_A\_cert;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--授予对远程镜像端点的登录名的 CONNECT 权限。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGRANT CONNECT ON ENDPOINT::Endpoint\_Mirroring TO [HOST\_A\_login];  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--必须要在镜像数据库中先设置好伙伴后，才能在主体服务器执行  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在 HOST\_A 的主体服务器实例上，将 HOST\_B 上的服务器实例设置为伙伴（使其成为初始镜像服务器实例）。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifALTER DATABASE pubs   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif    SET PARTNER = 'TCP://192.168.0.162:7024';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--设置见证服务器  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifALTER DATABASE pubs SET WITNESS = N'TCP://192.168.0.228:7024';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--设置为高安全性模式  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifALTER DATABASE pubs SET SAFETY FULL  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--此示例假设会话将在高性能模式下运行。若要在高性能模式下配置此会话，在主体服务器实例上（位于 HOST\_A 上），将事务安全性设置为 OFF。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--Change to high-performance mode by turning off transacton safety.  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--ALTER DATABASE pubs   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--    SET PARTNER SAFETY OFF --如果使用高性能模式时，WITNESS也应设为OFF  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--GO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--ALTER DATABASE pubs   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--    SET PARTNER WITNESS OFF --如果使用高性能模式时，WITNESS也应设为OFF  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--GO   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--设置主体数据库在高安全模式下运行  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--ALTER DATABASE pubs SET SAFETY OFF  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--GO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在主体数据库执行手动故障转移  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--ALTER DATABASE pubs SET PARTNER FAILOVER  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--GO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--当主体数据库不可用随后又重新连接后，在任意伙伴中执行，恢复镜像会话  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--ALTER DATABASE pubs SET PARTNER RESUME  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--GO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifSELECT \* FROM sys.database\_mirroring WHERE database\_id=(  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif SELECT database\_id FROM sys.databases WHERE name='pubs')  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif

http://www.cnblogs.com/Images/OutliningIndicators/ExpandedBlockStart.gif/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
http://www.cnblogs.com/Images/OutliningIndicators/InBlock.gif在镜像服务器执行此脚本  
http://www.cnblogs.com/Images/OutliningIndicators/ExpandedBlockEnd.gif\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP MASTER KEY  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE MASTER KEY ENCRYPTION BY PASSWORD = '<1\_Strong\_Password!>';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--为 HOST\_B 服务器实例制作一个证书。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP CERTIFICATE HOST\_B\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE CERTIFICATE HOST\_B\_cert   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   WITH SUBJECT = 'HOST\_B certificate for database mirroring',START\_DATE  = '10/31/2007';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在 HOST\_B 中为服务器实例创建一个镜像端点。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP ENDPOINT Endpoint\_Mirroring  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE ENDPOINT Endpoint\_Mirroring  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   STATE = STARTED  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   AS TCP (  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      LISTENER\_PORT=**7024**  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      , LISTENER\_IP = ALL  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   )   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   FOR DATABASE\_MIRRORING (   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      AUTHENTICATION = CERTIFICATE HOST\_B\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      , ENCRYPTION = REQUIRED ALGORITHM AES  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      , ROLE = PARTNER  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   );  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--备份 HOST\_B 证书，将 C:\HOST\_B\_cert.cer 复制到 HOST\_A\HOST\_C。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifBACKUP CERTIFICATE HOST\_B\_cert TO FILE = 'C:\HOST\_B\_cert.cer';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--为入站连接配置 Host\_B  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在 HOST\_B 上为 HOST\_A 创建一个登录名。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP LOGIN HOST\_A\_login  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE LOGIN HOST\_A\_login WITH PASSWORD = '1Sample\_Strong\_Password!@#';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--创建一个使用该登录名的用户。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP USER HOST\_A\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE USER HOST\_A\_user FOR LOGIN HOST\_A\_login;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--使证书与该用户关联。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP CERTIFICATE HOST\_A\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE CERTIFICATE HOST\_A\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   AUTHORIZATION HOST\_A\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   FROM FILE = 'C:\HOST\_A\_cert.cer'  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--授予对远程镜像端点的登录名的 CONNECT 权限。   
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGRANT CONNECT ON ENDPOINT::Endpoint\_Mirroring TO [HOST\_A\_login];  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在 HOST\_B 上为 HOST\_C 创建一个登录名。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP LOGIN HOST\_C\_login  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE LOGIN HOST\_C\_login WITH PASSWORD = '1Sample\_Strong\_Password!@#';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--创建一个使用该登录名的用户。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP USER HOST\_C\_user   
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE USER HOST\_C\_user FOR LOGIN HOST\_C\_login;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--使证书与该用户关联。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP CERTIFICATE HOST\_C\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE CERTIFICATE HOST\_C\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   AUTHORIZATION HOST\_C\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   FROM FILE = 'C:\HOST\_C\_cert.cer'  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--授予对远程镜像端点的登录名的 CONNECT 权限。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGRANT CONNECT ON ENDPOINT::Endpoint\_Mirroring TO [HOST\_C\_login];  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在 HOST\_B 上为 HOST\_B 创建一个登录名。   
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP LOGIN HOST\_B\_login  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE LOGIN HOST\_B\_login WITH PASSWORD = '1Sample\_Strong\_Password!@#';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--创建一个使用该登录名的用户。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP USER HOST\_B\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE USER HOST\_B\_user FOR CERTIFICATE HOST\_B\_cert;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--授予对远程镜像端点的登录名的 CONNECT 权限。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGRANT CONNECT ON ENDPOINT::Endpoint\_Mirroring TO [HOST\_B\_login];  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在 HOST\_B 的镜像服务器实例上，将 HOST\_A 上的服务器实例设置为伙伴（使其成为初始主体服务器实例）。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifALTER DATABASE pubs   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif    SET PARTNER = 'TCP://192.168.0.165:7024';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--创建数据库的快照  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--CREATE DATABASE pubs\_dbss1800 ON  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--( NAME = pubs, FILENAME =   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--'C:\Program Files\Microsoft SQL Server\MSSQL.1\pubs\_data\_1800.ss' )  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--AS SNAPSHOT OF pubs;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--GO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在主体数据库执行手动故障转移  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--ALTER DATABASE pubs SET PARTNER FAILOVER  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--GO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在高性能模式下如果主体数据库不可用时，则在镜相数据库强制服务  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--ALTER DATABASE pubs SET PARTNER FORCE\_SERVICE\_ALLOW\_DATA\_LOSS  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--GO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifSELECT \* FROM sys.database\_mirroring WHERE database\_id=(  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif SELECT database\_id FROM sys.databases WHERE name='pubs')  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif

http://www.cnblogs.com/Images/OutliningIndicators/ExpandedBlockStart.gif/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
http://www.cnblogs.com/Images/OutliningIndicators/InBlock.gif见证服务器执行  
http://www.cnblogs.com/Images/OutliningIndicators/ExpandedBlockEnd.gif\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--ALTER DATABASE MirrorDB SET PARTNER OFF  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP MASTER KEY  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE MASTER KEY ENCRYPTION BY PASSWORD = '<1\_Strong\_Password!>';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--为此服务器实例制作一个证书。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP CERTIFICATE HOST\_C\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE CERTIFICATE HOST\_C\_cert   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   WITH SUBJECT = 'HOST\_C certificate',START\_DATE  = '10/31/2007';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--使用该证书为服务器实例创建一个镜像端点。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP ENDPOINT Endpoint\_Mirroring  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE ENDPOINT Endpoint\_Mirroring  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   STATE = STARTED  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   AS TCP (  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      LISTENER\_PORT=**7024**  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      , LISTENER\_IP = ALL  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   )   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   FOR DATABASE\_MIRRORING (   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      AUTHENTICATION = CERTIFICATE HOST\_C\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      , ENCRYPTION = REQUIRED ALGORITHM AES  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif      , ROLE = WITNESS  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   );  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--备份 HOST\_C 证书，并将其复制到其他系统，即 HOST\_B\HOST\_A。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifBACKUP CERTIFICATE HOST\_C\_cert TO FILE = 'C:\HOST\_C\_cert.cer';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--为入站连接配置 Host\_C  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在 HOST\_C 上为 HOST\_B 创建一个登录名。   
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP LOGIN HOST\_B\_login  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE LOGIN HOST\_B\_login WITH PASSWORD = '1Sample\_Strong\_Password!@#';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--创建一个使用该登录名的用户。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP USER HOST\_B\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE USER HOST\_B\_user FOR LOGIN HOST\_B\_login;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--使证书与该用户关联。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP CERTIFICATE HOST\_B\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE CERTIFICATE HOST\_B\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   AUTHORIZATION HOST\_B\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   FROM FILE = 'C:\HOST\_B\_cert.cer'  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--授予对远程镜像端点的登录名的 CONNECT 权限。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGRANT CONNECT ON ENDPOINT::Endpoint\_Mirroring TO [HOST\_B\_login];  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在 HOST\_C 上为 HOST\_A 创建一个登录名。   
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP LOGIN HOST\_A\_login  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE LOGIN HOST\_A\_login WITH PASSWORD = '1Sample\_Strong\_Password!@#';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--创建一个使用该登录名的用户。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP USER HOST\_A\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE USER HOST\_A\_user FOR LOGIN HOST\_A\_login;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--使证书与该用户关联。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP CERTIFICATE HOST\_A\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE CERTIFICATE HOST\_A\_cert  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   AUTHORIZATION HOST\_A\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif   FROM FILE = 'C:\HOST\_A\_cert.cer'  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--授予对远程镜像端点的登录名的 CONNECT 权限。   
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGRANT CONNECT ON ENDPOINT::Endpoint\_Mirroring TO [HOST\_A\_login];  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--在 HOST\_C 上为 HOST\_C 创建一个登录名。   
http://www.cnblogs.com/Images/OutliningIndicators/None.gifUSE master;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP LOGIN HOST\_C\_login  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE LOGIN HOST\_C\_login WITH PASSWORD = '1Sample\_Strong\_Password!@#';  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--创建一个使用该登录名的用户。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--DROP USER HOST\_C\_user  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifCREATE USER HOST\_C\_user FOR CERTIFICATE HOST\_C\_cert;  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif--授予对远程镜像端点的登录名的 CONNECT 权限。  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGRANT CONNECT ON ENDPOINT::Endpoint\_Mirroring TO [HOST\_C\_login];  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifGO  
http://www.cnblogs.com/Images/OutliningIndicators/None.gifSELECT \* FROM sys.database\_mirroring\_endpoints  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif  
http://www.cnblogs.com/Images/OutliningIndicators/None.gif

--成功执行后查看伙伴和见证服务器之间是否正常连接（如上图所示），分别在主体和镜像服务器执行以下语句  
SELECT \* FROM sys.database\_mirroring WHERE database\_id=(  
 SELECT database\_id FROM sys.databases WHERE name='pubs')  
--如果mirroring\_witness\_state\_desc字段均显示为CONNECTED，则可以停止主体服务器的SQL服务，查看是否可以自动故障转移  
  
上面在每个服务器根据各自创建的证书创建一个登录用户其实可以省略，如果镜像数据库始终不能和见证服务器连接，请尝试重启一下SQL服务，然后再检查。