

Chapter 8: Administering the Development Features

```
[is_master_key_encrypted_by_server] = 1)
ALTER MASTER KEY ADD ENCRYPTION BY SERVICE MASTER KEY
GO

--Create a USER TO own the InitiatorService.
IF NOT EXISTS(SELECT * FROM sys.sysusers WHERE name = 'InitiatorServiceOwner')
CREATE USER InitiatorServiceOwner WITHOUT LOGIN
GO
--Make this user the owner of the InitiatorService.
ALTER AUTHORIZATION ON SERVICE::InitiatorService TO InitiatorServiceOwner
GO

IF NOT EXISTS (SELECT 1 FROM sys.certificates WHERE name = 'InitiatorDBDialogCert')
CREATE CERTIFICATE InitiatorDBDialogCert
AUTHORIZATION InitiatorServiceOwner
WITH SUBJECT = 'Initiator Server Certificate for Dialog Security'
GO

BACKUP CERTIFICATE InitiatorDBDialogCert TO FILE = 'C:\InitiatorDBDialogCert.cer'
```

This script creates a user and makes that user the owner of the InitiatorService. The script also creates a certificate and makes the InitiatorServiceOwner user the owner of that certificate. It also backs up the certificate to C:\, just as before.

Now copy the certificate TargetDBDialogCert.cer from C:\ on TargetServer to C: on InitiatorServer. Similarly, copy the certificate InitiatorDBDialogCert.cer from C: on InitiatorServer to C: on TargetServer.

Now open the script DialogImportCertOnInitiator.sql and connect to InitiatorServer:

```
USE InitiatorDB
GO
--Create a USER TO own the TargetService.
IF NOT EXISTS(SELECT * FROM sys.sysusers WHERE name = 'TargetServiceOwner')
CREATE USER TargetServiceOwner WITHOUT LOGIN

--Import the certificate owned by above user
IF NOT EXISTS(SELECT * FROM sys.certificates WHERE name = 'TargetDBDialogCertPub')
CREATE CERTIFICATE TargetDBDialogCertPub
AUTHORIZATION TargetServiceOwner
FROM FILE = 'C:\TargetDBDialogCert.cer'
```

This script creates the user TargetServiceOwner, the same user you created on TargetServer. The script also imports the certificate that you copied from TargetServer and makes TargetServiceOwner the owner of that certificate.

Next, open the script DialogImportCertOnTarget.sql on TargetServer:

```
USE TargetDB
GO

IF NOT EXISTS(SELECT * FROM sys.sysusers WHERE name = 'InitiatorServiceOwner')
```