AppSense Management Center

| Detaching and reattaching the AppSense Database in SQL Server

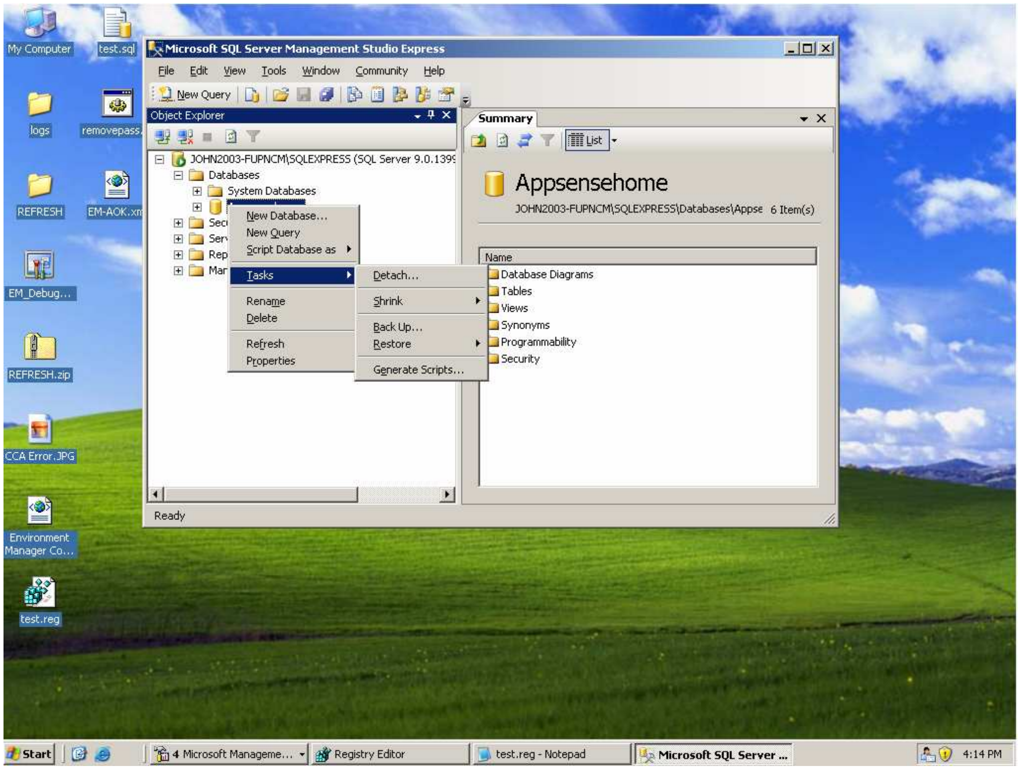
Scenario

A customer has the requirement to move his Databases to a new SQL Database. This can be for many reasons, the question is can we handle the Database being moved?

The answer is yes, we have to under go a few steps. We can move a Database within SQL Management Studio. The steps MUST involve updating the connection strings.

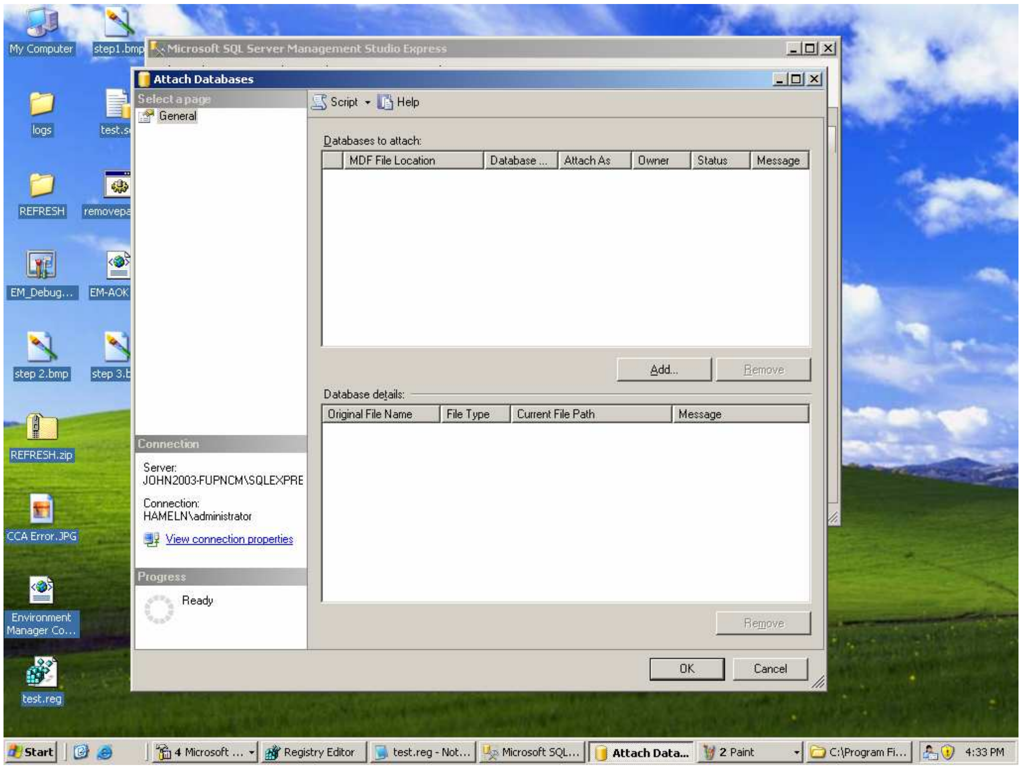
How to move the Database

1. Open SQL Management Studio and browse to the AppSense Database
2. Right click on the Database browse to Properties.
3. In the Database Properties – "YOUR DATABASE" chose Files
4. Scroll to the Path in the right pane and note the Database Path
5. Go back to the Database and right click the Database
6. Choose Tasks>Detach


My Computer
test.sql
logs
removepass
REFRESH
EM-AOK.xm
EM_Debug...
REFRESH.zip
CCA Error.JPG
Environment Manager Co...
test.reg
Microsoft SQL Server Management Studio Express
File
Edit
View
Tools
Window
Community
Help
New Query
Object Explorer
JOHN2003-FUPNCM\SQLEXPRESS (SQL Server 9.0.1399
Databases
System Databases
Secı
Serv
Rep
Mar
New Database...
New Query
Script Database as
Tasks
Rename
Delete
Refresh
Properties
Detach...
Shrink
Back Up...
Restore
Generate Scripts...
Summary
List
Appsensehome
JOHN2003-FUPNCM\SQLEXPRESS\Databases\Appse
6 Item(s)
Name
Database Diagrams
Tables
Views
Synonyms
Programmability
Security
Ready
Start
4 Microsoft Manageme...
Registry Editor
test.reg - Notepad
Microsoft SQL Server ...
4:14 PM

7. On the following Window note the Drop Connections tab.
8. Place a tick box in here otherwise errors in detaching may occur
9. After the detachment, you can copy the Database from the Path you noted earlier
10. Place this Database where you want on the new SQL Server

11. Back in SQL Management Studio, right click Databases
12. Choose Attach>Add and browse to the Database location you copied over

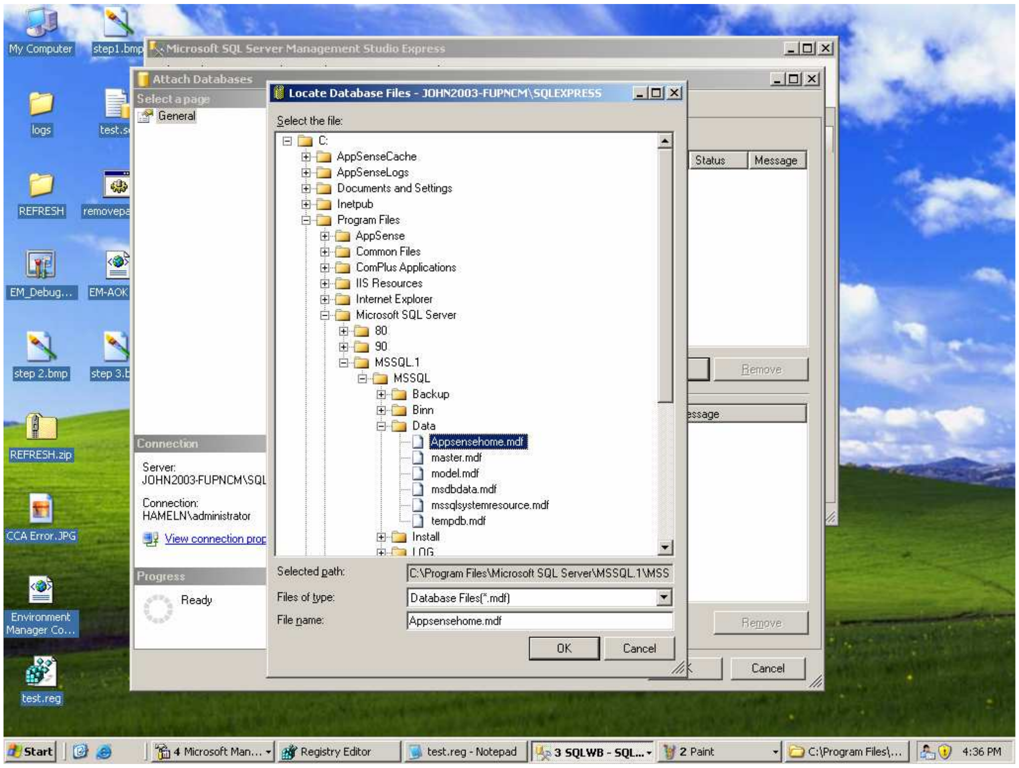

Microsoft SQL Server Management Studio Express
Attach Databases
Select a page
General
Script
Help
Databases to attach:
MDF File Location
Database ...
Attach As
Owner
Status
Message
Add...
Remove
Database details:
Original File Name
File Type
Current File Path
Message
Remove
OK
Cancel
Connection
View connection properties
Progress
Start
4:33 PM

Server:
JOHN2003-FUPNCM\SQLEXPRE

Connection:
HAMELN\administrator

Ready

13. After you have chosen your database click OK and OK again


Microsoft SQL Server Management Studio Express
Attach Databases
Locate Database Files - JOHN2003-FUPNCM\SQLEXPRESS
Select the file:
C:
AppSenseCache
AppSenseLogs
Documents and Settings
Inetpub
Program Files
AppSense
Common Files
ComPlus Applications
IIS Resources
Internet Explorer
Microsoft SQL Server
80
90
MSSQL.1
MSSQL
Backup
Binn
Data
Appsensehome.mdf
master.mdf
model.mdf
msdbdata.mdf
mssqlsystemresource.mdf
tempdb.mdf
Install
LOG
OK
Cancel
View connection prop
Start
4:36 PM

Server:
JOHN2003-FUPNCM\SQL

Connection:
HAMELN\administrator

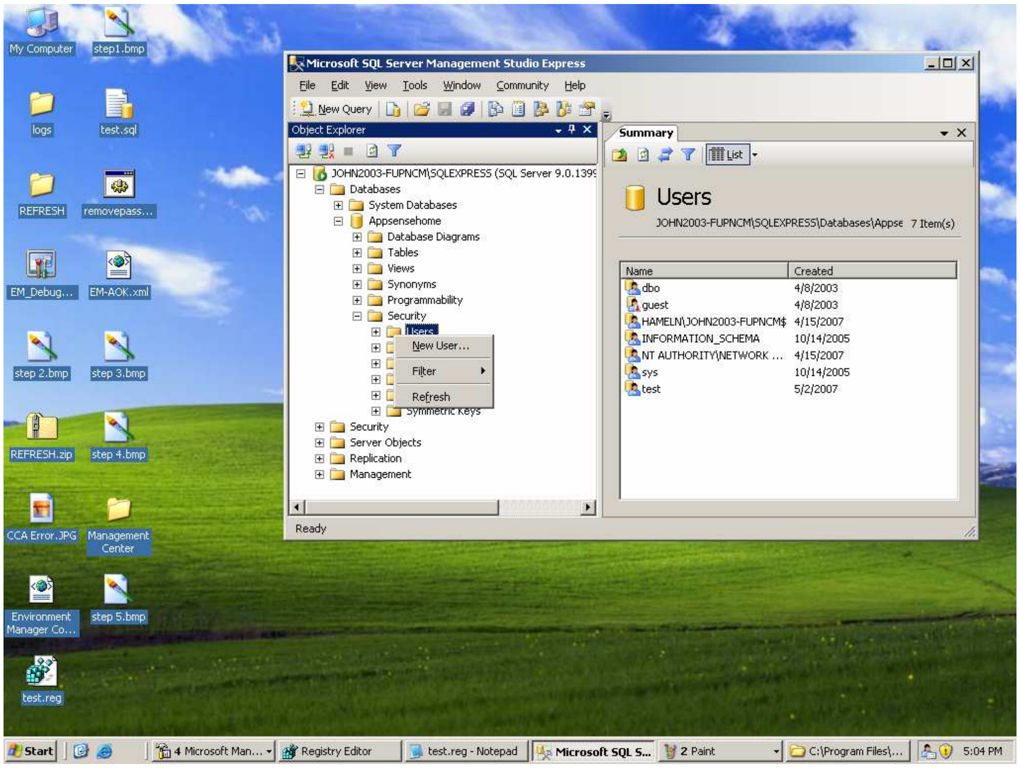
Ready

Selected path: C:\Program Files\Microsoft SQL Server\MSSQL.1\MSS

Files of type: Database Files(*.mdf)

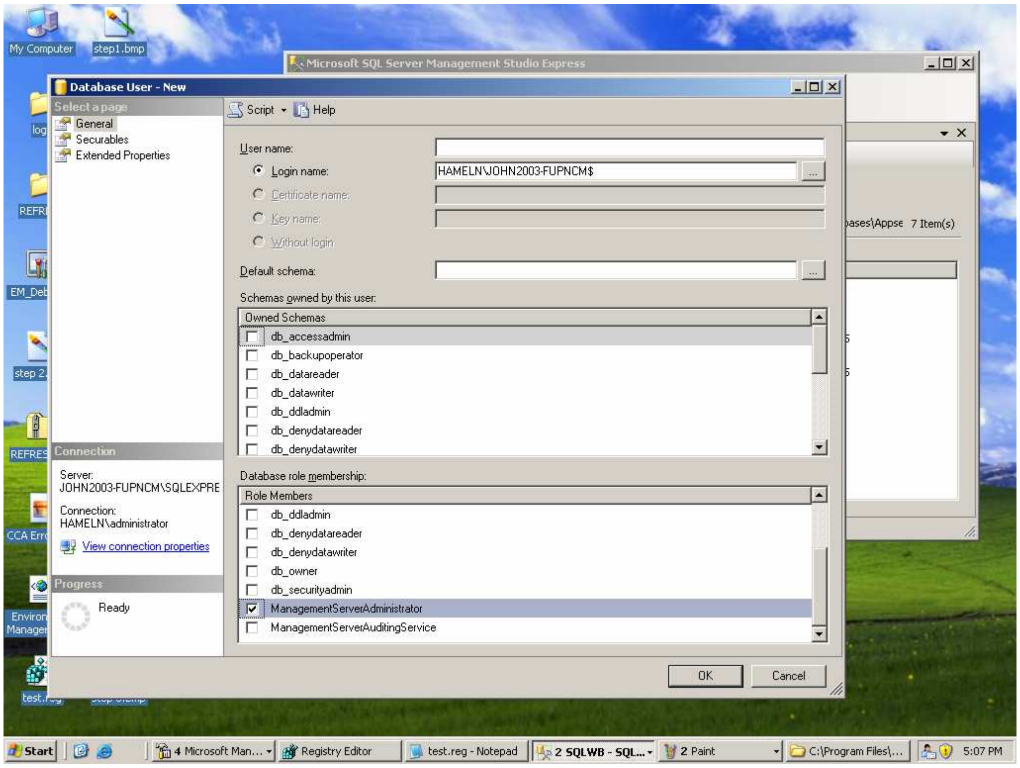
File name: Appsensehome.mdf

14. In the newly added Database we need to add the computer account as a User
15. Expand the Database > Security and right click Users > New User


Microsoft SQL Server Management Studio Express
File Edit View Tools Window Community Help
New Query
Object Explorer
JOHN2003-FUPNCM\SQLEXPRESS (SQL Server 9.0.1399
Databases
System Databases
Appsensehome
Database Diagrams
Tables
Views
Synonyms
Programmability
Security
Users
New User…
Filter
Refresh
Symmetric Keys
Security
Server Objects
Replication
Management
Ready
Summary
List
Users
JOHN2003-FUPNCM\SQLEXPRESS\Databases\Appse 7 Item(s)
Start
5:04 PM

Name	Created
dbo	4/8/2003
guest	4/8/2003
HAMELN\JOHN2003-FUPNCM$	4/15/2007
INFORMATION_SCHEMA	10/14/2005
NT AUTHORITY\NETWORK …	4/15/2007
sys	10/14/2005
test	5/2/2007

16. Add the account in the format of DOMAIN\COMPUTER$
17. Under Roles place a tick in ManagementServerAdminsitrator


Database User - New
Select a page
General
Securables
Extended Properties
Script
Help
OK
Cancel
View connection properties
Progress
Ready

User name:

● Login name: HAMELN\JOHN2003-FUPNCM$

○ Certificate name:

○ Key name:

○ Without login

Default schema:

Schemas owned by this user:

Owned Schemas
☐ db_accessadmin
☐ db_backupoperator
☐ db_datareader
☐ db_datawriter
☐ db_ddladmin
☐ db_denydatareader
☐ db_denydatawriter

Database role membership:

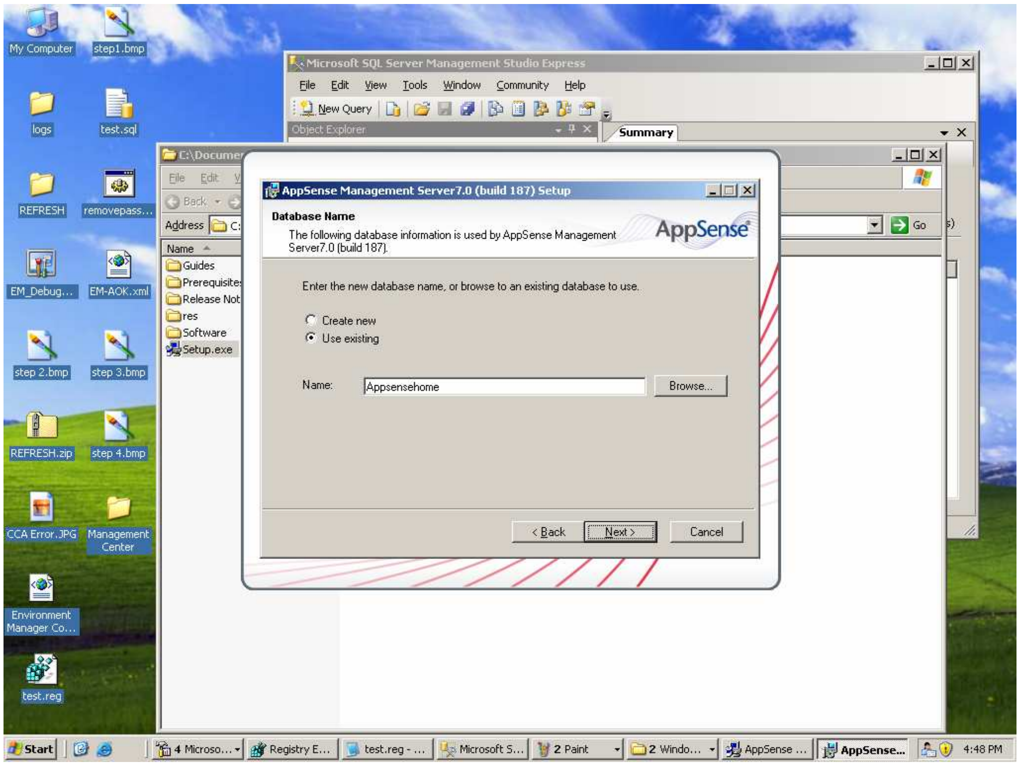
Role Members
☐ db_ddladmin
☐ db_denydatareader
☐ db_denydatawriter
☐ db_owner
☐ db_securityadmin
☑ ManagementServerAdministrator
☐ ManagementServerAuditingService

Connection

Server:
JOHN2003-FUPNCM\SQLEXPRE

Connection:
HAMELN\administrator

18. Uninstall the Management Server
19. Install the Management Server new and choose Use Existing in the wizard


AppSense Management Server7.0 (build 187) Setup
AppSense
Browse...
< Back
Next >
Cancel

Database Name

The following database information is used by AppSense Management Server7.0 (build 187).

Enter the new database name, or browse to an existing database to use.

○ Create new

● Use existing

Name: Appsensehome

20. Complete the wizard with the desired authentication requirements

This completes the connection strings to the new Database migration.

Note: Using steps 13 – 17 are optional and reduce permissions required by the Management Server installer.