

Database Laboratory Work #2

Title: Database Maintenance

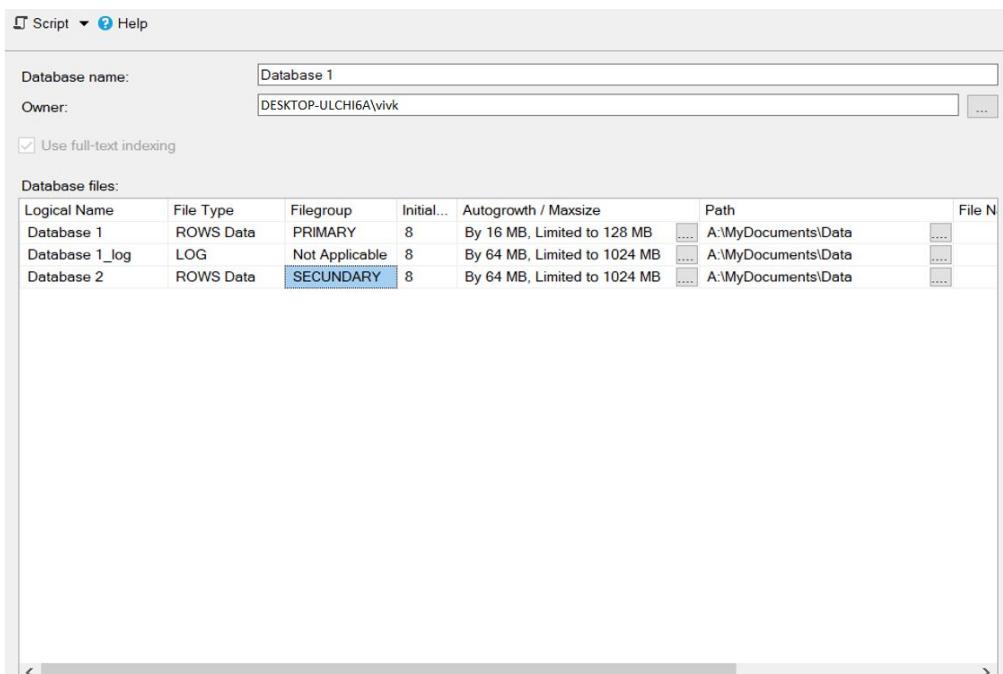
Done by: Volcov Oleg, FAF-191

Prerequisites: SQL Manager 2017.

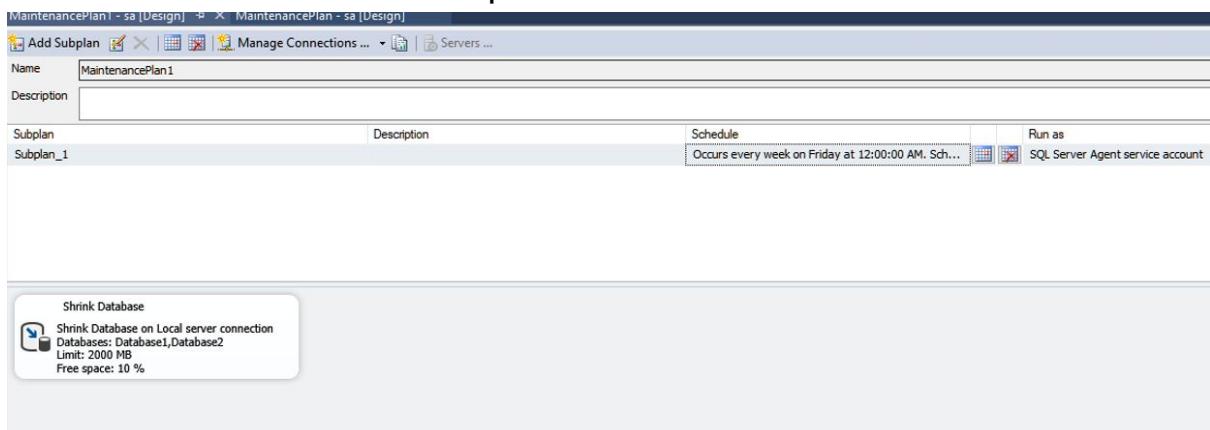
Objectives: Successful create and configure of an SQL Server.

Implementation:

- 1. Create first database.



- 2. Create maintenance plan.



- 3. Create second database.

Use full-text indexing

Database files:

Logical Name	File Type	Filegroup	Initial Size (MB)	Autogrowth / Maxsize	Path	File N
Database 2	ROWS Data	PRIMARY	8	By 64 MB, Unlimited	A:\MyDocuments\Data	...
Database 2_log	LOG	Not Applicable	8	By 64 MB, Unlimited	A:\MyDocuments\Log	...

Add Remove OK Cancel

State

Database Read-Only	False
Database State	NORMAL
Encryption Enabled	False
Restrict Access	SINGLE_USER

Restrict Access

- 4. Set up maintenance tasks.

Select Maintenance Tasks
Which tasks should this plan perform?

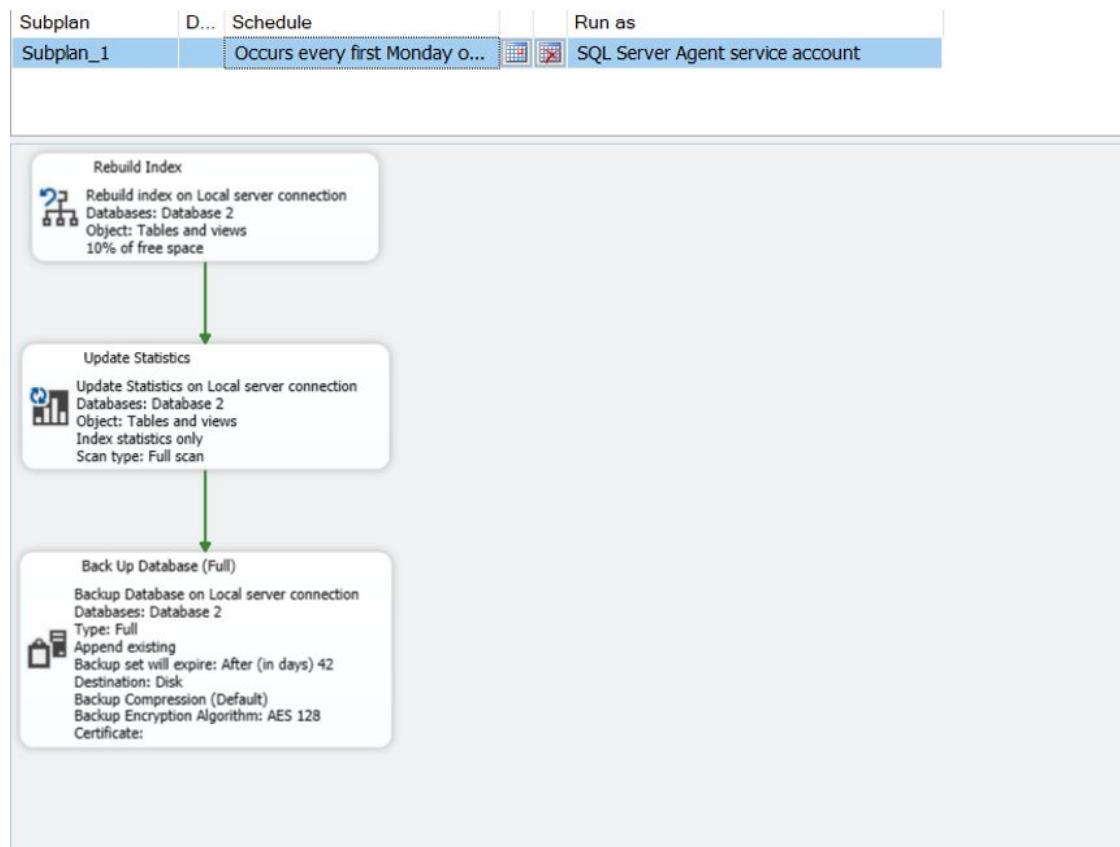
Select one or more maintenance tasks:

- Check Database Integrity
- Shrink Database
- Reorganize Index
- Rebuild Index
- Update Statistics
- Clean Up History
- Execute SQL Server Agent Job
- Back Up Database (Full)
- Back Up Database (Differential)
- Back Up Database (Transaction Log)
- Maintenance Cleanup Task

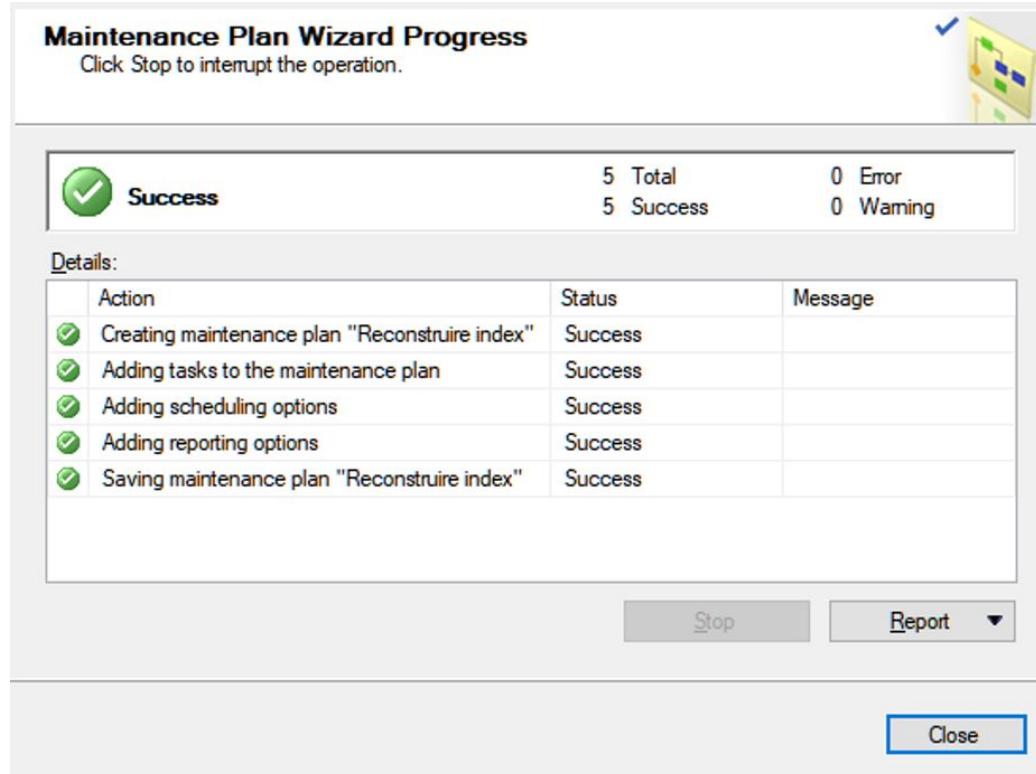
 The Maintenance Cleanup task removes files left over from executing a maintenance plan.

Help < Back Next > Finish Cancel

- 4. Create maintenance “Reconstruire index”.



- 5. Proofs of fourth task.



Conclusion:

In this Laboratory I created 2 Databases and set their growing limits and primary and secondary filegroups. Afterwards I scheduled the maintenance plan for each of this databases.