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Knowledge Base Article

Product Group: Software
Product: CMSW7700 - @ptitude Monitoring Suite
Version: N/A

Abstract

This article describes how to perform a table backup using SQL Server Management Studio.

Overview

You cannot use the BACKUP DATABASE command to back up a single table, unless of course the table in question is allocated to its own FILEGROUP.

You can do this within SQL Server Management Studio by performing the following steps:

1. Right click on Database > Tasks > Generate Script. [Figure 1]

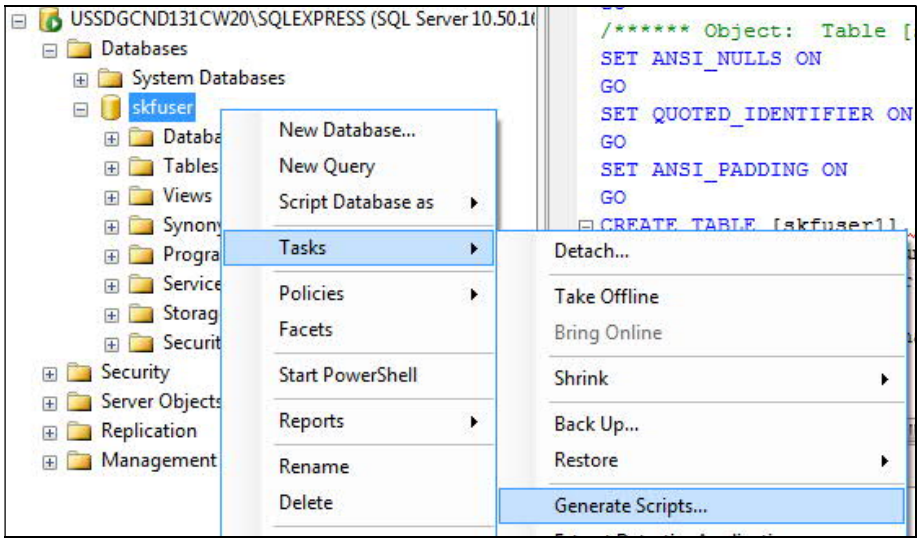

Figure 1. Generate Scripts... option

2. The 'Generate and Publish Scripts' dialog will appear. Click Next >. [Figure 2]

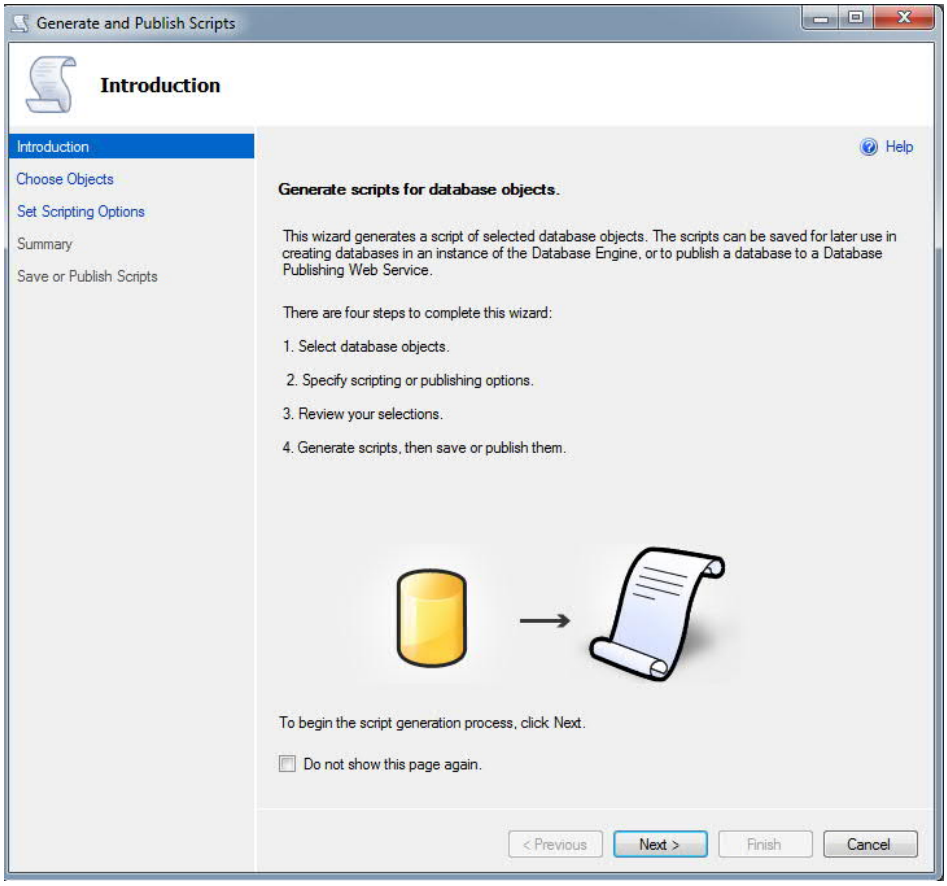

Figure 2. Generate and Publish Scripts dialog

3. Select the radio button “Select specific database objects”, and click the “+” next to Tables to expand the Table tree. [Figure 3]

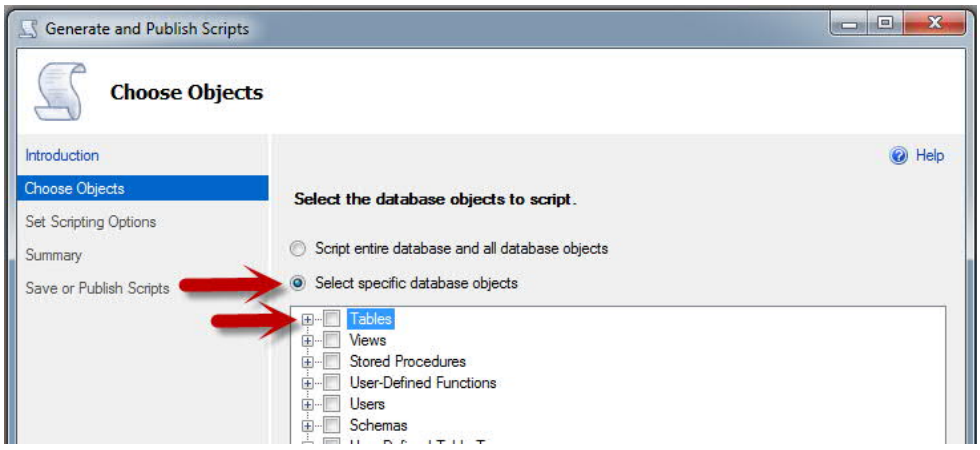

Figure 3. Choose objects

4. Select the table to export and then click Next >. [Figure 4]

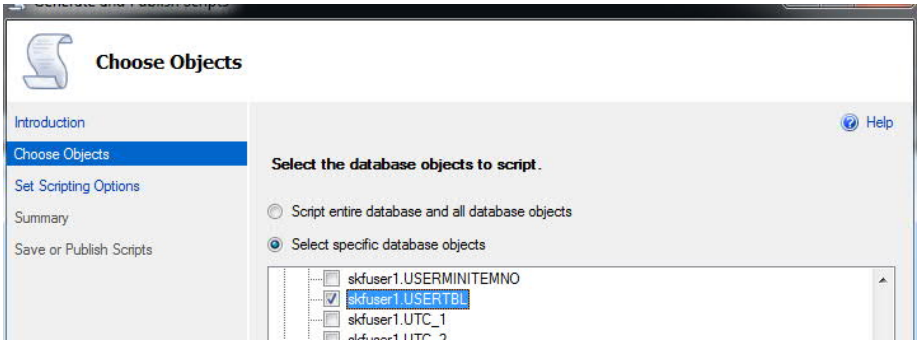

Figure 4. Select table to export

5. In order to get the data along with just the schema, click Advanced. [Figure 5]

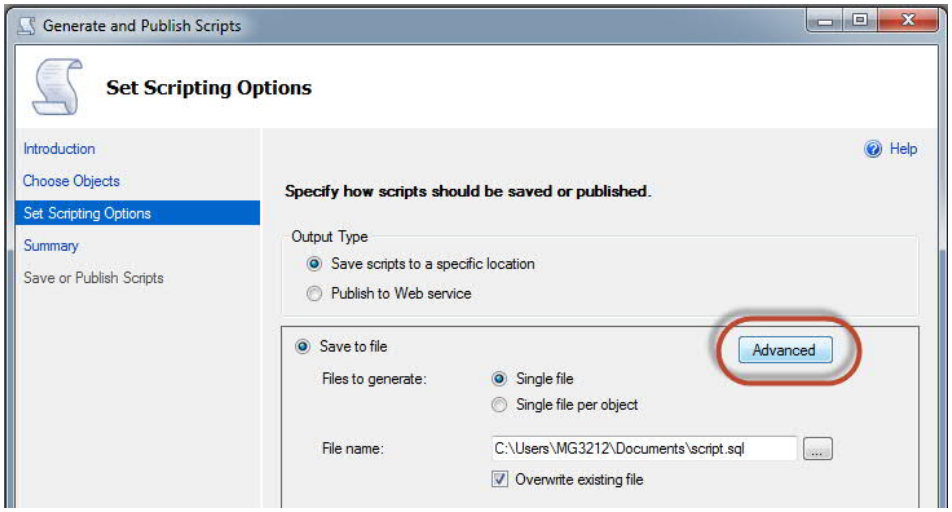

Figure 5. Set Scripting Options

6. Under the General section, find the “Types of data to script” option and change it to “Schema and data”. Click OK. [Figure 6]

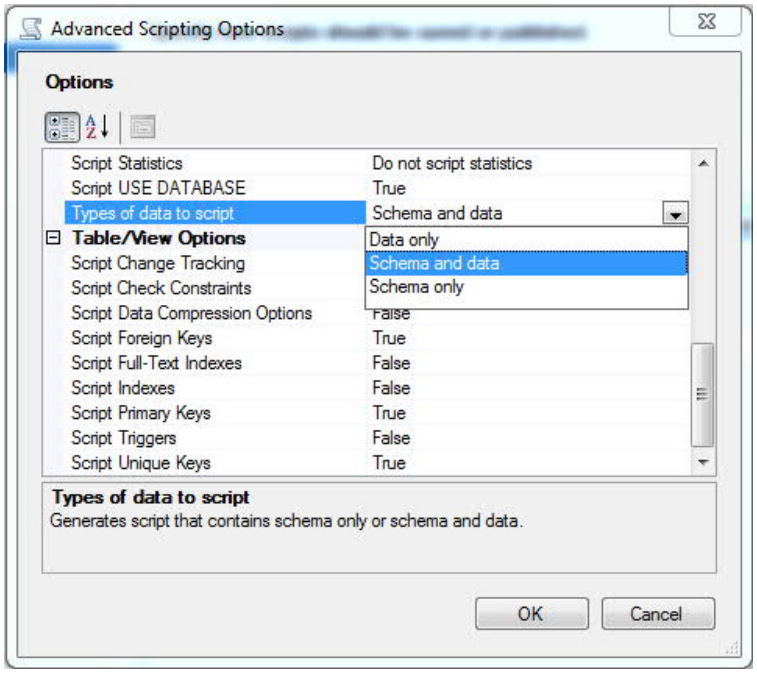

Figure 6. Advanced Scripting Options

7. Click the [...] button next to the File Name field. This will open the File Save box. [Figure 7] Name the file and click Save, then click Next > to proceed.

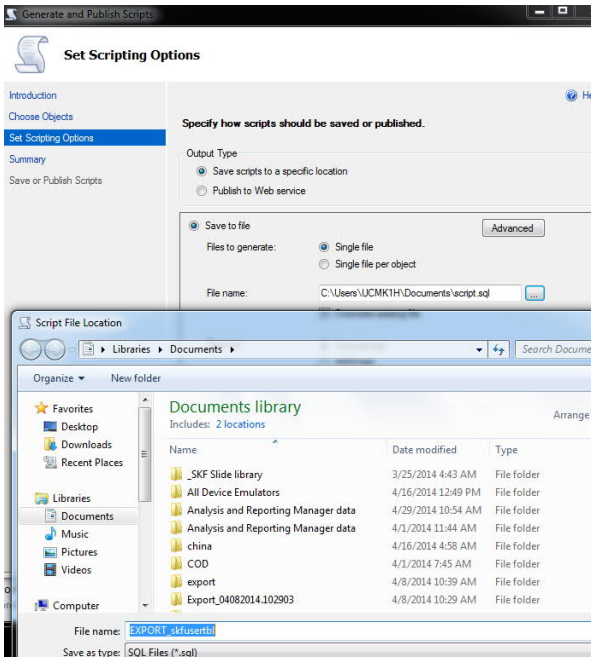

Figure 7. Save script file

8. On the Summary screen, click Next > to start the export. [Figure 8]

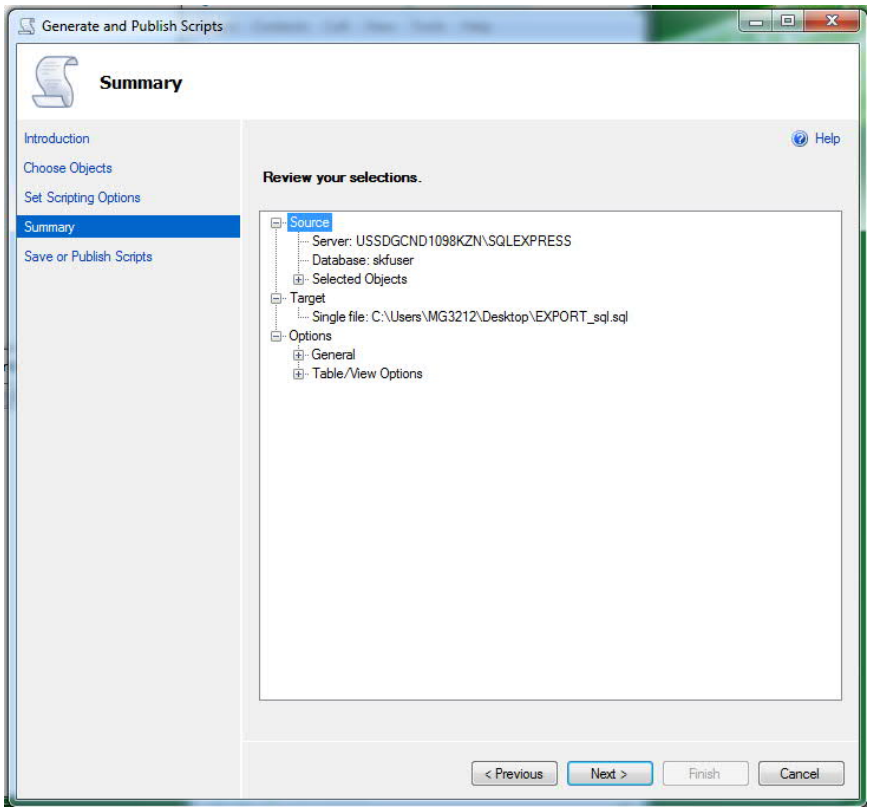

Figure 8. Summary screen

9. The export progress will display. [Figure 9] When it finishes, click Finish.

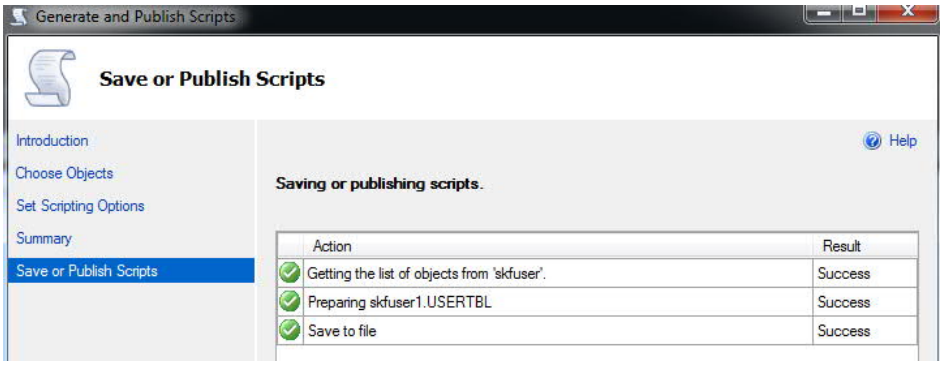

Figure 9. Save or Publish Scripts dialog

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10. The file is now created. [Figures 10 and 11]

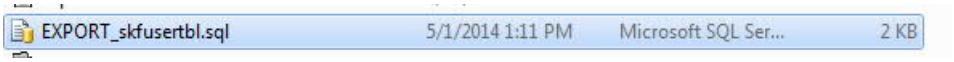

Figure 10. Export file

```
USE [skfuser]
GO
/****** Object:  Table [skfuser1].[USERTBL]    Script Date: 05/01/2014 13:20:14 ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
SET ANSI_PADDING ON
GO
CREATE TABLE [skfuser1].[USERTBL](
    [USERID] [numeric](38, 0) IDENTITY(1,1) NOT FOR REPLICATION NOT NULL,
    [LOGINNAME] [varchar](240) NOT NULL,
    [PASSWD] [varchar](240) NULL,
    [DBUSER] [varchar](240) NULL,
    [ACCESSDEFID] [numeric](38, 0) NULL,
    [SYSTEMACCESSDEFID] [numeric](38, 0) NULL,
    [MACHINENAME] [varchar](240) NULL,
    [CUSTOMERID] [numeric](38, 0) NULL,
    [LoginDatetime] [datetime] NULL,
    [ProcessNumber] [numeric](38, 0) NULL,
    [UserTerminal] [varchar](240) NULL,
    [OraProcess] [varchar](240) NULL,
    [RecordId] [varchar](240) NULL,
PRIMARY KEY CLUSTERED
(
    [USERID] ASC
)WITH (PAD_INDEX  = OFF, STATISTICS_NORECOMPUTE  = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_I
) ON [PRIMARY]
GO
SET ANSI_PADDING OFF
--
```

Figure 11. Script

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by e-mail at TSG-CMC@skf.com.