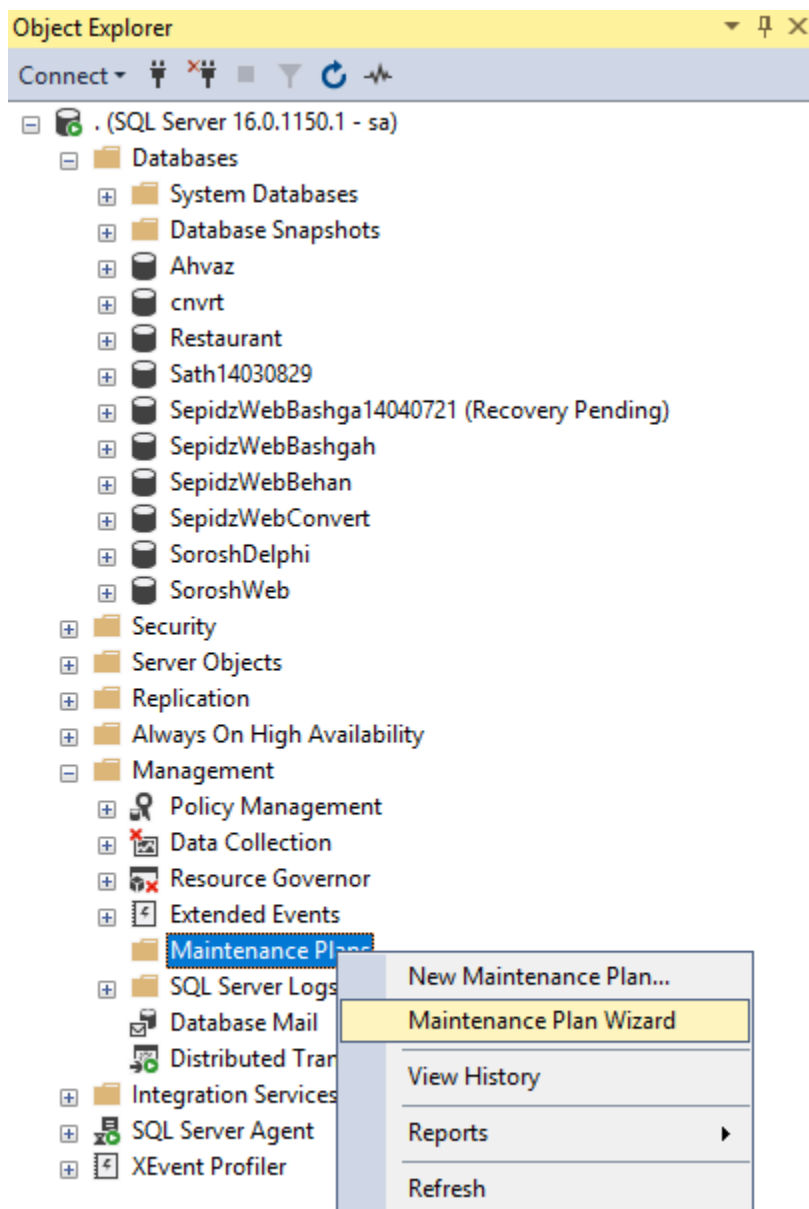


آموزش اتوماتیک بکاپ در SQL Server

در مرحله اول مطمئن شوید که سرویس SQLSERVERAGENT حتما اجرا شده باشد

SQL رو باز کرده و از سمت چپ گزینه Management رو انتخاب و روی گزینه Maintenance Plans کلیک سمت راست کرده و Maintenance Plan Wizard رو انتخاب میکنیم



یک نام برای نقشه بکاپ میگذاریم مثال : SepidzAutobackup

گزینه Single schedule for the entire plan or no schedule تیک خورده باشه و روی Change میزنیم

Maintenance Plan Wizard

Select Plan Properties
How do you want to schedule your maintenance tasks?

Name:

Description:

Run as:

☐ Separate schedules for each task
☒ Single schedule for the entire plan or no schedule

Schedule:

بسته به حجم هارد و همچنین زمان خاموش شدن سرور و نیاز مشتری ، زمان بکاپ گیری رو مشخص میکنیم
 مثال : من روی این سرور هر روز ساعت 2 صبح رو انتخاب کردم

New Job Schedule

Name:

Schedule type: ☒ Enabled

One-time occurrence

Date: Time:

Frequency

Occurs:

Recurs every: day(s)

Daily frequency

☒ Occurs once at:
☐ Occurs every: hour(s)

Starting at:
 Ending at:

Duration

Start date:

☐ End date:
☒ No end date:

Summary

Description:

مرحله بعد باید 2 گزینه فعال شود :

Back UP Database (Full) -1
Maintenance Cleanup Task -2

The screenshot shows the 'Select Maintenance Tasks' step of the Maintenance Plan Wizard. The window title is 'Maintenance Plan Wizard'. The main heading is 'Select Maintenance Tasks' with the subtext 'Which tasks should this plan perform?'. Below this, it says 'Select one or more maintenance tasks:'. A list of tasks is shown with checkboxes: 'Check Database Integrity', 'Shrink Database', 'Reorganize Index', 'Rebuild Index', 'Update Statistics', 'Clean Up History', 'Execute SQL Server Agent Job', 'Back Up Database (Full)' (checked), 'Back Up Database (Differential)', 'Back Up Database (Transaction Log)', and 'Maintenance Cleanup Task' (checked). A blue bar highlights the 'Maintenance Cleanup Task' row. Below the list, a yellow information box states: 'The Maintenance Cleanup task removes files left over from executing a maintenance plan.' At the bottom, there are buttons for 'Help', '< Back', 'Next >', 'Finish', and 'Cancel'.

Next :

The screenshot shows the 'Select Maintenance Task Order' step of the Maintenance Plan Wizard. The window title is 'Maintenance Plan Wizard'. The main heading is 'Select Maintenance Task Order' with the subtext 'In which order should these tasks be performed?'. Below this, it says 'Select the order for the tasks to execute:'. A list box contains two tasks: 'Back Up Database (Full)' and 'Maintenance Cleanup Task'. Below the list box are buttons for 'Move Up...' and 'Move Down...'. At the bottom, a yellow information box states: 'The Back Up Database (Full) task allows you to specify the source databases, destination files or tapes, and overwrite options for a full backup.' At the bottom of the window, there are buttons for 'Help', '< Back', 'Next >', 'Finish', and 'Cancel'.

در این صفحه اسم دیتابیس رو انتخاب میکنیم

Maintenance Plan Wizard

Define Back Up Database (Full) Task

Configure the maintenance task.

General Destination Options

Backup type: Full

Database(s): <Select one or more>

Backup component

☒ Database

☐ Files and filegroups:

Back up to:

Schedule: Not scheduled (On Demand)

Help

OK Cancel

در تب Destination مسیر بکاپ رو انتخاب میکنیم

Maintenance Plan Wizard

Define Back Up Database (Full) Task

Configure the maintenance task.

General Destination Options

☐ Back up databases across one or more files:

If backup files exist: Append

☒ Create a backup file for every database

☐ Create a sub-directory for each database

Folder: D:\SEPIDZ\Backup

SQL credential:

Azure storage container:

URL prefix: https://<storageaccount>.blob.core.windows.net/

Backup file extension: bak

Schedule: Not scheduled (On Demand)

Help < Back Next > Finish >> Cancel

در تب Options می‌تونیم گزینه Compress Backup رو برای فشردن سازی انتخاب کنیم

Maintenance Plan Wizard

Define Back Up Database (Full) Task
Configure the maintenance task.

General Destination Options

Set backup compression: Use the default server setting
Use the default server setting
Compress backup
Do not compress backup

☐ Backup set will expire:
☒ After 01/11/2025 days
☐ On

☐ Copy-only backup
☐ Verify backup integrity
☐ Backup encryption

Algorithm: AES 128
Certificate or Asymmetric key:

☐ For availability databases, ignore replica priority for backup and backup on primary settings

☐ Block size 65536 bytes
☐ Max transfer size 65536 bytes

Schedule:
Not scheduled (On Demand) Change...

Help < Back Next > Finish >> Cancel

Next :

در این صفحه مسیر پاک کردن بکاپ ها ، نوع بکاپ (پسوند bak) همراه با زمان پاک کردن انتخاب میکنیم

Maintenance Plan Wizard

Define Maintenance Cleanup Task
Configure the maintenance task.

Delete files of the following type:
☒ Backup files
☐ Maintenance Plan text reports

File location:
☐ Delete specific file
☒ Search folder and delete files based on an extension

File name:

Folder: D:\SEPIDZ\Backup
File extension: bak

☐ Include first-level subfolders

File age:
☒ Delete files based on the age of the file at task run time
Delete files older than the following:
2 Week(s)

Schedule:
Not scheduled (On Demand) Change...

Help < Back Next > Finish >> Cancel

Next :

تیک write a report to a text file رو برمیذاریم

Maintenance Plan Wizard

Select Report Options
Select options for saving or distributing a report of the maintenance plan actions.

☒ Write a report to a text file

Folder location: C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQLSER ...

☐ E-mail report

To: [Empty dropdown]

Help < Back Next > Finish >> Cancel

Next and Finish

Maintenance Plan Wizard Progress
Click Stop to interrupt the operation.

Success

	Total	Error
5	0	
5 Success	0 Warning	

Details:

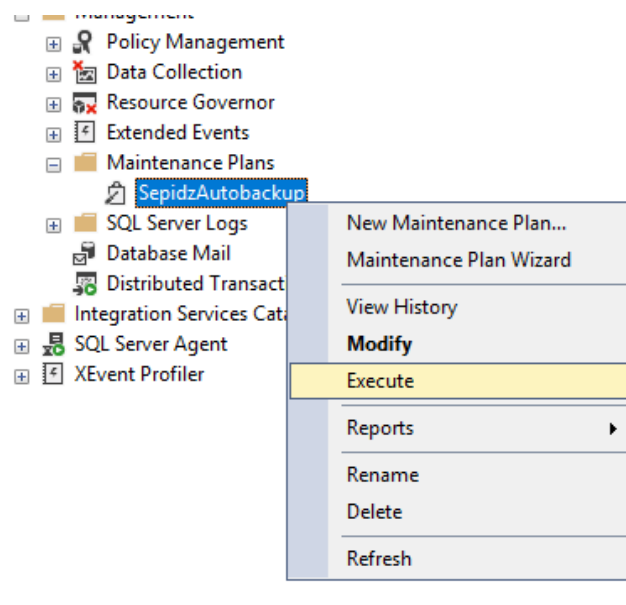
Action	Status	Message
Creating maintenance plan "SepidzAutobackup..."	Success	
Adding tasks to the maintenance plan	Success	
Adding scheduling options	Success	
Adding reporting options	Success	
Saving maintenance plan "SepidzAutobackup"	Success	

Stop Report Close

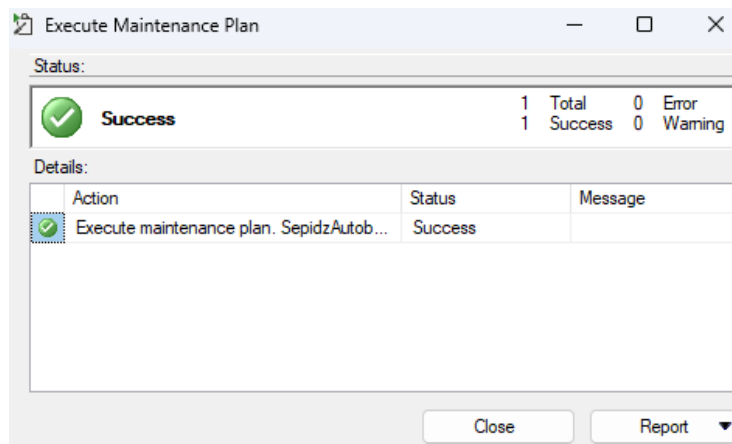
حالا تست میکنیم که درست مراحل انجام شده یا خیر

مجدد به همون مسیر اول رفته و یکبار Refresh میکنیم تا SepidzAutoBackup نمایش داده شود و روی آن کلیک سمت راست کرده و گزینه

Execute رو میزنیم



اگر مراحل رو درست انجام داده باشیم گزینه Success نمایش داده میشود و فایل بکاپ ساخته میشود



نکته: شورتکات این فولدر رو روی دسکتاپ مشتری یا جایی که مشتری میخواد میگذاریم و بهش میگیم که یک عدد فلش تهیه کنه و هر زمان که نیاز بود آخرین فایل بکاپ رو روی اون بگیره و سپس از سیستم جدا کنه و این فلش رو فقط مخصوص همین کار بزاره و جای دیگه ای استفاده نکنه