Summary

This article provides summary how to schedule MachPanel Database delete via Task scheduler.

Applies To

This article applies to MachPanel all build versions.

MachPanel Database Backup Removal

Database Backup can be taken using the configuration studio and based on setting "Keep Last ----- Backup.", the older file and database backups get removed automatically in case the Web and Database Server is on same server. In the case of having Database hosted on a different server, the removal of the old database backup files will need to be done using the execution of SQL script through scheduling a task using Windows built-in Task Scheduler. It is a one-time configuration process and the removal of old database files will be automated afterwards, based on the settings configured while scheduling the task.

There can be different ways to handle database backup removal within the Management studio / SQL Maintenance plans and outside of that via PS Scripts. Customers can use whatever method is easy to adopt. In case of SQL server agent job, it must be added to all SQL nodes involved in Custer / AG / mirroring etc.

Below is one way to schedule a task for auto removal of older backups.

Pre-Requisites before scheduling a task:

- Any user with full administrative rights on folder (where script file is placed) and SQL server service, can configure this task. The windows default administrator account or one with similar rights should be used.
- Open the script file using Notepad and make the required changes in the highlighted part i.e. **Name of your Database** and the **How much previous backups** you want to keep.

Please find the complete code in attachment.

When the above-mentioned prerequisites are verified the next step is to schedule the task using Task Scheduler on your SQL server. Navigate to Search and type "Task Scheduler", right click on it and click "Run as Administrator" as shown below.

	Search	
E	Everywhere 🗸	
	Task Scheduler	۹
	Task Scheduler	
-	Pin to Start Pin to Taskbar	
	Open in new window	
	Run as administrator	
	Open file location	

• Below window will appear after you run the Task Scheduler.

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Step -1: Click on **Task Scheduler** present in the Object Explorer present at left side of screen and select "**Create Task**" and the new task addition window will appear on your screen. In the Create Task window under the **General** tab you will have to provide **Name** of Task, description of task and the security options should be configured as shown below and click **OK** at the end:

MachPanel_DB Backup Removal Properties (Local Computer)					
General Triggers Actions Conditions Settings History (disabled)					
Name: MachPanel_DB Backup Removal					
Location:					
Author: MP-PSS-2016\Administrator					
Description: MachPanel_DB Backup Removal daily except last 5 backups					
Security options					
MP-PSS-2016\Administrator Change User or Group					
 Run only when user is logged on Run whether user is logged on or not Do not store password. The task will only have access to local computer resources. 					
Run with highest privileges					
☐ Hidden Configure for: Windows Vista™, Windows Server™ 2008					
OK Cancel					

Step-2: In the **Triggers** tab, click on '**New**' to add trigger, a new window will appear by name "Edit Trigger" in which you will configure the desired settings related to trigger this task. You have to select date/time and also **Enable the trigger** at the end of window and click **OK**.

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Step-3: In the **Actions** tab in which you will have to select the action for your task and under the settings Program/script you will have to look for **SQLCMD.EXE** in your SQL installation directory and select the EXE file. In the **Actions** tab, click on '**New**' button and a new window will appear to add/edit the desired action.

Sample input is mentioned below, but the input should be according to your SQL installation details.

Program/Script:

"C:\Program Files (x86)\Microsoft SQL Server\Client SDK\ODBC\130\Tools\Binn\SQLCMD.EXE"

Next step is to add the arguments value and in this case the argument sample input should be like:

-S "MP-PSS-2016\MACHPANELSQL08R2" -i "C:\Program Files\MachSol\RemoveBackups.sql" -E

You have to enter based on your SQL installation.

Note: Values must be enclosed in double quotes.

-S = SQL server name\instance name (EDIT it accordingly)

 It can be "AG Listener Name", "Cluster name" or "SQL Server Name / Instance Name". You can get the "Database Server" name from MachPanel Configuration Studio on MachPanel Server.



-i = Path for the script file to be executed through Task Scheduler. (File is attached with document)

-E = for trusted connection (no value expected) and click on **OK**.

Edit Action X						
You must specify what action this task will perform.						
Action:	Start a program		~			
Settings Program/script:						
. Server\Client SDK\ODBC\130\Tools\Binn\SQLCMD.EXE" Browse						
Add a	rguments (optional):	-S "MP-P	SS-2016\MACH			
Start in	n (optional):					
		ОК	Cancel			

Step-4: Next tab is the **Conditions** tab, which specifies the execution of task based on the conditions i.e. the task will not Run if any condition set here is not true.

MachPanel_DB Backup Removal Properties (Local Computer)						
Beneral Triggers Actions Conditions Satings Platery (disabled)						
Bareaffy the conditions that, along only the trigger, determine whether the task should run. The task will not						
Shart the task only if the compater is little for:	THE POLICE AND ADDRESS OF ADDRESS					
Works for latte for	The second se					
[w] Stop if the computer ceases to be idle						
- Restart if the title state resurces						
and the test computer control to be the pro-	-					
Wate the computer to no this test						
Printerourch						
Start only if the following network connection is available:						
Any connection						
	OF Canada I					

Step-5: The next tab is the **Settings** tab in which you will have to specify the additional settings that will affect the behavior of the task as shown below and save the desired changes:

MachPanel_DB Backup Removal Properties (Local Computer)					
General Triggers Actions Conditions Settings History (disa	bled)				
Specify additional settings that affect the behavior of the task.					
Allow task to be run on demand					
Run task as soon as possible after a scheduled start is missed					
✓ If the task fails, restart every:	1 hour v				
Attempt to restart up to:	3 times				
Stop the task if it runs longer than:	1 hour v				
✓ If the running task does not end when requested, force it to stop					
If the task is not scheduled to run again, delete it after:	30 days 🗸 🗸				
If the task is already running, then the following rule applies:					
Do not start a new instance 🗸					
	OK Cancel				

Step-6: The last one is the **History** tab which basically holds the history of the task when it is being executed through the Task Scheduler.

MachPanel Knowledgebase

https://kb.machsol.com/Knowledgebase/55582/MachPanel-Database-Backup-Remova...