SQL Server Password Reset

This guide was written to assist with resetting the Microsoft SQL password. This guide can be applied to any products that use Microsoft SQL Server(including Express editions).

Notes

- PDM uses sa for the username and Electrical uses tew. •
- PDM Standard and Electrical both use SQL Express named instances, for example: localhost\swpdm and localhost\TEW_SQLEXPRESS
- There is no default password for PDM, as that is not pre-populated on the initial installation.
- The default Electrical SQL password for user tew is: SQLpwd4ew.
- For Electrical users, once the password is reset update the credentials in both the Installation Manager(modification) and in the Electrical Application Preferences on the client computers.

Process

- 1. Install the Microsoft SQL Server Management Studio(SSMS) from the Microsoft website. https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-serverver15
- 2. Stop the SQL service and restart the service in single-user mode. The easiest way to do this is in administrator command prompt. This prevents other users from logging in and preventing your password change.

PDM Pro commands:

net stop mssqlserver ENTER net start mssqlserver /m"Microsoft SQL Server Management Studio" ENTER

PDM Standard commands:

net stop mssql\$swpdm ENTER net start mssql\$swpdm ENTER

Electrical commands:

net stop mssql\$TEW SQLEXPRESS ENTER net start mssql\$TEW SQLEXPRESS /m"Microsoft SQL Server Management Studio" ENTER

Administrator: Command Prompt

П X osoft Windows [Version 10.0.14393] c) 2016 Microsoft Corporation. All rights reserved. C:\Windows\system32>net stop mssql\$TEW_SQLEXPRESS he SQL Server (TEW_SQLEXPRESS) service is stopping. he SQL Server (TEW_SQLEXPRESS) service was stopped successfully. ::\Windows\system32>net start mssql\$TEW_SQLEXPRESS /m"Microsoft SQL Server Management Studio" The SQL Server (TEW_SQLEXPRESS) service is starting. The SQL Server (TEW_SQLEXPRESS) service was started successfully.





3. Launch SSMS as admin and login with Windows authentication(be sure to be logged in to Windows with an Administrator account).

🖵 Connect to Server				×
	SQL	Serve	r	
Server type:	Databas	e Engine		~
Server name:	the second second	\TEW_SQLEXPRESS		
Authentication:	Windows Authentication			~
User name;	Paperspace			~
Password:				
	🔲 Re	emember passwor	d	
	Connect	Cancel	Help	Options >>

4. In the Object Explorer, right click the Database instance and click Properties.





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5. Click on Security and make sure that SQL Server and Windows Authentication mode is selected. Then click OK.

Server Properties -	\TEW_SQLEXPRESS			-		\times
Select a page	🖵 Script 🔻 😮 Help					
Memory Processors Security Connections Database Settings Advanced Permissions	Server authentication Windows Authentication mo SQL Server and Windows A Login auditing None Failed logins only Successful logins only Both failed and successful log Server proxy account	de uthentication mode				
Connection	Enable server proxy account	t				
Server: \TEW_SQLEXPRESS	Proxy account: Password:	********				
Connection: \Paperspace	Options					
vi View connection properties	 Enable C2 audit tracing Cross database ownership c 	haining				
Progress						
Ready						
			OK	(Can	cel

6. In the Object Explorer expand Security>Logins and then right click on the user to change the password.



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7. Change the password and confirm the change. Remember, tew is for Electrical and sa is for PDM.

Login Properties - tew		-	
Select a page	🖵 Script 🔻 🕜 Help		
 General Server Roles User Mapping Securables Status 	Login name: Windows authentication SQL Server authentication Password: Confirm password: Specify old password Old password: Enforce password policy Enforce password expiration User must change password at next login Mapped to certificate		Search
Connection	O Mapped to asymmetric key	\sim	
Server: \TEW SQLEXPRESS	Map to Credential	\sim	Add
Connection: \Paperspace <u>V</u> <u>View connection properties</u>	Mapped Credentials Credential	Provider	
Progress			Remove
Ready	Default database: master Default language: Arabic	~	
		ОК	Cancel

- 8. Exit the SQL Management Studio.
- 9. Restart the SQL service in the admin Command Prompt window(multi-user mode).

PDM Pro commands:

net stop mssqlserver ENTER net start mssqlserver ENTER

PDM Standard commands:

net stop mssql\$swpdm ENTER net start mssql\$swpdm ENTER

Electrical commands: net stop mssql\$TEW_SQLEXPRESS ENTER net start mssql\$TEW_SQLEXPRESS ENTER







10. Test the login by launching the SMSS and use SQL login and typing in the new password and user name sa (PDM) or tew(Electrical).

Updating Credentials in the Application

For PDM

On the server, launch the Archive Server Configuration application and click Tools>Default Settings and then click Change for SQL Login.



Then launch the Database Server Configuration and type in the new password in the login window.



SOLIDWORKS	PDM Database Server	?	×	
SQL-Server Conn	nection			
User:	sa			
Password:	••••••			
Seconds to wait until file vault databases are processed: 60				
	Language: 🔣 English		•	

For Electrical

On the client computer with SOLIDWORKS Electrical, launch Electrical as admin. You will see a few connection errors like the following. Click OK to each error.







Click the Main Menu icon in the upper left and click Application Settings. Switch to the Databases tab and then update the password field and click Apply and OK. It will error until the application is restarted. Upon re-launching it should automatically connect and show the Projects Manager window.

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File View Library Tools He	lp					
Projects Quit Save Archive Unarchive	New Close Print	Application settings			- 🗆 X	
manager environment environment SOLIDWORKS Electrical Archiving	Drawing	😤 Collaborative server 🧧 Data	abases 🔁 3D			
Documents 🛛 🗸 🗙		Application data folder:				
Documents 🔷		C:\ProgramData\SOLIDWORKS E	ectrical\			
		Folder containing projects:				
		(\$AppDataPath)Projects\				
		Connection type:				
		SQL Server - \\TEW_SO	QLEXPRESS - tew			
		Server name:				
		TEW_SQLEXPRESS				
		User name:				
		tew				
		Password:				
		Set auto close property to false for Databases name:	or new database			
		Name	Description	Version		
		tew_app_data tew_catalog tew_classification tew_app_project tew_app_macro tew oroiect data	Application database Catalogs database Classifications database Projects list database Macros list database Project database	110 79 22 29 29 29 268		
No preview available			Display query execution error log	OK Apply	Cancel	



