# Configure Permissions for the ConfigMgr SQL Database

Last Modified on 06.22.23

# Indications

ConfigMgr SQL Database permission errors are most often identified when a user enters the ConfigMgr database information in the Configure Recast Console Extension application or in the Recast Management Server settings. This type of error may also show up as Software Updates Deployment Status (SUDS) or other dashboard results being listed as 'Unknown'.

### Probable Cause

The Right Click Tools Enterprise Dashboards are able to use the ConfigMgr database to retrieve their needed information. However, if the user (or the service account, if using a Recast Proxy) running the Configuration Manager console does not have permission to log into SQL or read from the SQL database, the data will be considered 'Unknown'.

# Resolution

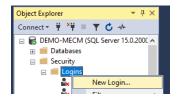
To resolve the issue, ensure that the user (or service account, if using a Recast Proxy) running the console has at least read-only permissions to the ConfigMgr database.

#### Add a user account via SQL Server Management Studio

If the user account does not exist in SQL, it must be added in two places, as a Login Account, and as a Database User account.

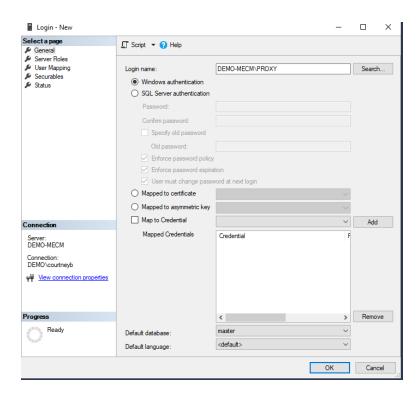
To add the User Account as a Login Account:

- 1. Open **SSMS** and expand the folder of the instance in which you want to create the new login.
- 2. Expand the **Security** folder, right-click on **Logins**, and select **New Login**.



3. In the Login - New dialog box, click on the General page.

4. As the Login name, enter the name of the account in the following format: domain\username.



5. On the **User Mapping** page, select the ConfigMgr Database in the top right box.

6. In the bottom right box, select at least **db\_datareader** as a permission.

Select a page	_	_				
✗ General	Script	🔻 😮 Help				
Server Roles						
👂 User Mapping	Users ma	apped to this login:				
<ul> <li>Securables</li> <li>Status</li> </ul>	Map	Database	User	Default Schema	3	
		CM_DEM				
		CM_DM1	DEMO-MECM\PROXY			
		master				
		model				
		msdb				
		RecastManagementServer				
		ReportServer				
		ReportServerTempDB				
		SUSDB				
		tempdb				
Connection	<					>
	Gues	t account enabled for: CM_DM1	1			
Server: DEMO-MECM	Databas	e role membership for: CM DM1				
Connection:		ccessadmin				
DEMO\courtneyb	db backupoperator					^
₩ <u>View connection properties</u>		latareader				
	db_datawriter					
	☐ db_ddladmin ☐ db_denydatareader					
	db_denydatawriter					
Progress	db_owner					
	dh s	ecurityadmin				
Ready		-				
_	🔽 publi	c brole_AlTool				~
_	🔽 publi					~

To add the User Account as a Database User:

- 1. Open **SSMS** and navigate to **ConfigMgr Databases** > **Security** > **Users**.
- 2. Right-click on the **Users** folder and select **New User**.

3. Switch the **user type** to 'Windows' and add the user name and the login name in the following format: **domain\username**.

**NOTE**: User Name and Login are the same.

4. On the **Membership** tab, select the **db\_datareader** box and assign the account **db\_datareader** permissions for the ConfigMgr databases by clicking **OK**.