

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

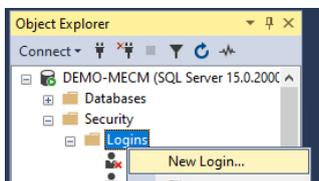
To resolve the issue, ensure that the user (or service account, if using a Recast Proxy) running the console has at least read-only permissions to the ConfigMgr database.

Add a user account via SQL Server Management Studio

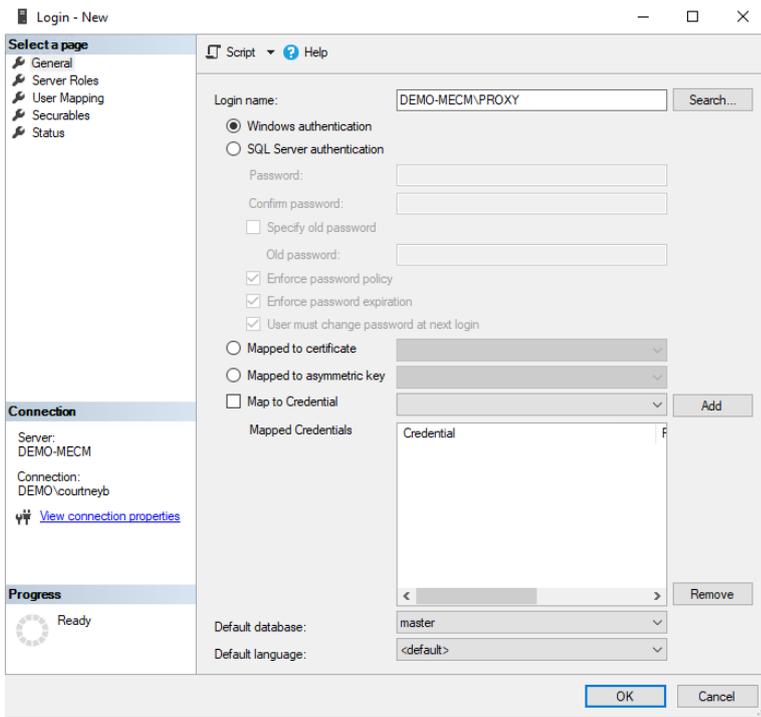
If the user account does not exist in SQL, it must be added in two places, as a Login Account, and as a Database User account.

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**.

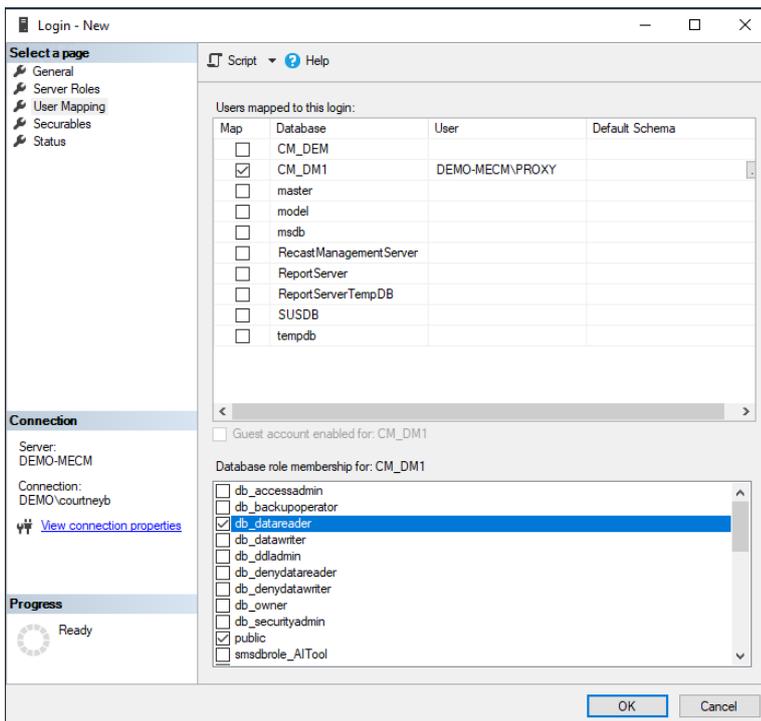


3. In the **Login - New** dialog box, click on the **General** page.
4. As the **Login name**, enter the name of the account in the following format: **domain\username**.



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.



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**.