

MBAM SQL Database Permissions

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Indications

MBAM SQL Database Permission errors are most often identified when a user enters MBAM database information in the Configure Recast Console Extension application or in the Recast Management Server settings. This type of error may also show up in the BitLocker Administration Dashboard as results in the center MBAM section listed as 'Unknown'.

Probable Cause

The Right Click Tools BitLocker Administration Dashboard is able to use the MBAM database to retrieve needed information. However, if the user running the console (or the Service Account, if using a Recast Proxy) 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 running the console (or the Service Account, if you are using a Recast Proxy) has at least read-only permissions to the MBAM databases.

Add a user account via SQL Server Management Studio

If the user account does not exist in SQL, users will need to add the account manually. The User Account will need to be added 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. Right-click on the **Security** folder, point to **New**, and select **Login**.
3. In the **Login - New** dialog box on the **General** page, enter the name of the account in the following format: **domain\username**.
4. Open the **User Mapping** page, and select the ConfigMgr database in the top right box.
5. 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 **MBAM 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 MBAM databases by clicking **OK**.

NOTE: Users must be added to both the MBAM Compliance Status and MBAM Recovery and Hardware Status databases.