

How to Create a Read-only Account for Your SQL Server or MySQL

This article provides step-by-step instructions for creating a new read-only account for communication with MSPbots in SQL Server or MySQL.

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Background Information

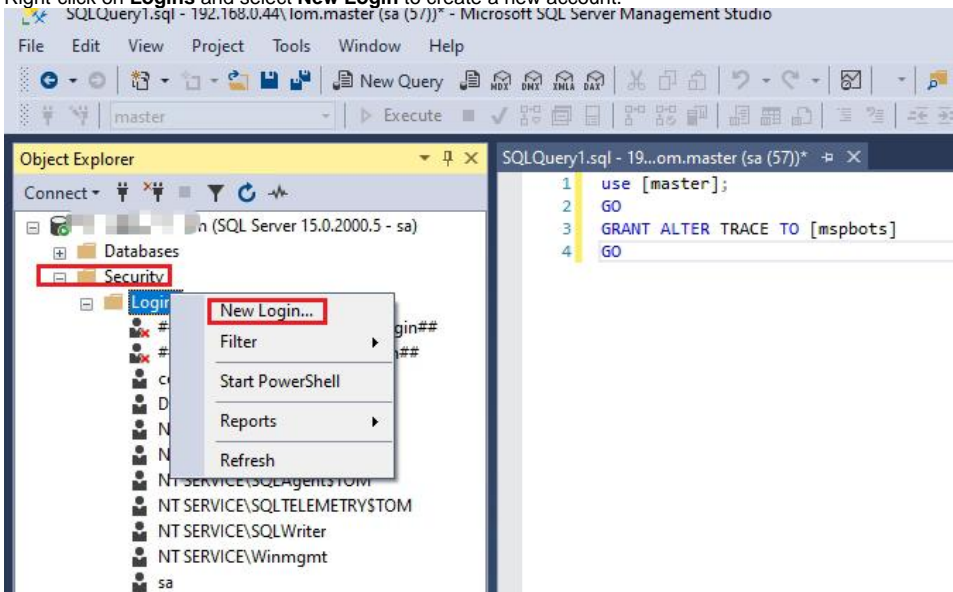
To facilitate the management of your database account, it is necessary to have a dedicated account for granting MSPbots permissions such as synchronizing data and establishing communication. Once integrated, MSPbots will synchronize your database information based on the permissions granted to it.

Applications and Required Permissions

This article is intended for administrators who need to establish a connection for SQL Agent integration, E-Automate On-Premise integration, ConnectWise Automate On-Premise integration, and other integrations.

Creating a new read-only account for communication with MSPbots in SQL Server

1. Log in to **Microsoft SQL Server Management Studio**.
2. Go to **Logins** under the **Security** section.
3. Right-click on **Logins** and select **New Login** to create a new account.



4. Click **General** on the **Select a page** menu then, fill in the following fields.
 - a. **Login name** - Set a unique login name. Example: mssqlagent
 - b. Select **SQL Server authentication**.
 - i. **Password** - Set a password.
 - ii. **Confirm Password** - Enter the password again.
 - iii. Clear the checkboxes for:
 - **Enforce password policy**
 - **Enforce password expiration**, and

- User must change password at next login.

Login - New

Select a page

- General
- Server Roles
- User Mapping
- Securables
- Status

Script Help

Login name: mssqlagent Search...

☐ Windows authentication

☒ SQL Server authentication

Password: [masked]

Confirm password: [masked]

☐ Specify old password

Old password: [empty]

☒ Enforce password policy

☐ Enforce password expiration

☒ User must change password at next login

☐ Mapped to certificate

☐ Mapped to asymmetric key

☐ Map to Credential

Mapped Credentials

Credential	Provider
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Default database: master

Default language: <default>

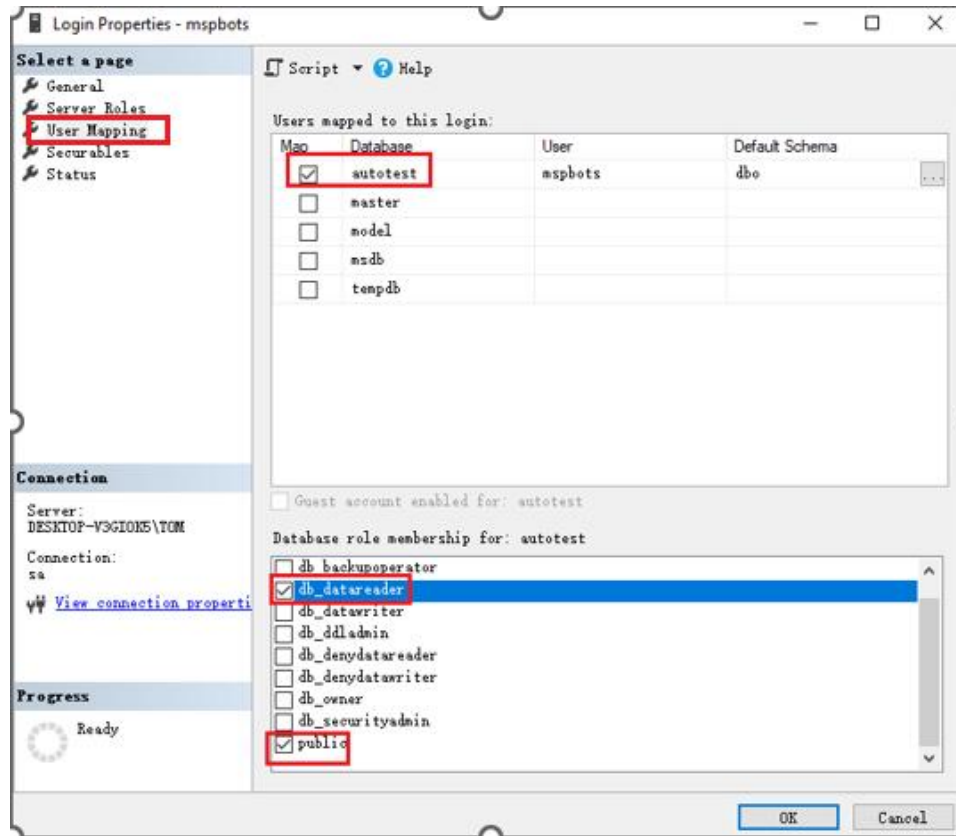
Progress: Ready

OK Cancel

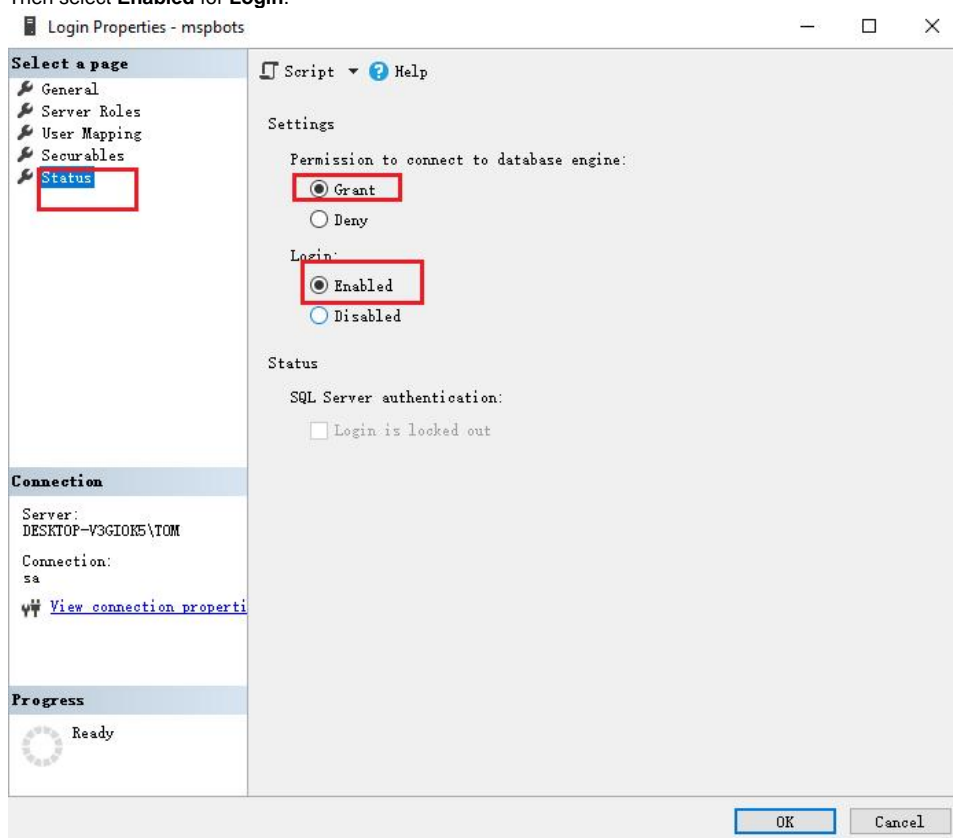
5. Click **OK**.

6. Next, click **User Mapping** on the **Select a page** menu and do the following:

- In the **User mapped to this login** section on the right, select the **database name** you want to synchronize with MSPbots. Example: Select autotest.
- Scroll down the **Database role membership for** section, select **db_datareader** and **public**.
 - **db_datareader** - This option gives permission to read data from your database.
 - **public** - This option gives permission to allow MSPbots access to your database.
Giving any account full database access is not recommended.



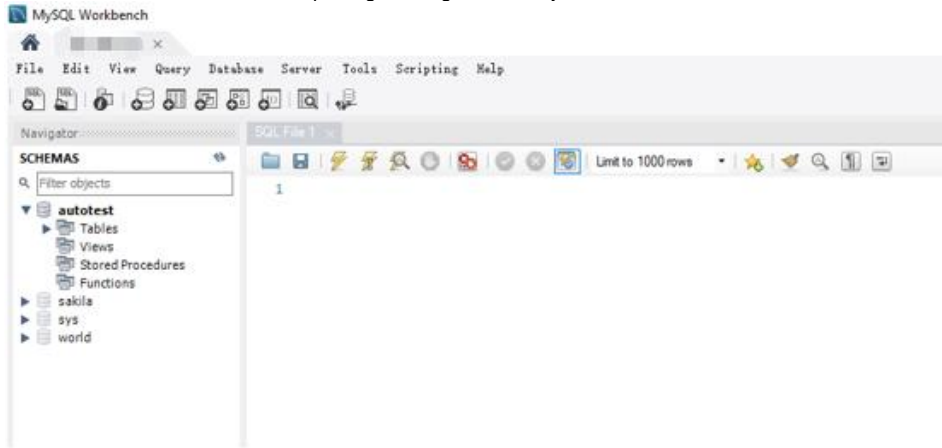
7. Go back to the **Select a page** menu and select **Status**.
 - a. Under **Settings** on the right, select the **Grant** option for **Permission to connect to the database engine**.
 - b. Then select **Enabled** for **Login**.



8. Click **OK** to save your settings.

Creating a new read-only account for communication with MSPbots in MySQL

1. Use an account with root or admin privileges to log in to the MySQL Console.



2. Enter the following SQL statement to create a new MySQL account.

```
CREATE USER 'Login Name'@'%' IDENTIFIED BY 'Password';
```

Where:

- **Login Name** is the login name for the newly created MySQL account.
- **%** will allow remote access.
- **Password** is the passcode to log the new user.

Example:

```
CREATE USER 'mspbots'@'%' IDENTIFIED BY '123456';
```

If you have a user already but want to create a new user, delete the previous user before creating a new one. Delete by running the SQL command **drop user 'Username'@'%'**;

Example: If you want to delete the username mspbots, type **drop user 'mspbots'@'%'**;

3. Enter the following SQL statement to grant read-only permissions to MSPbots.

```
GRANT Select ON Database Name.* TO 'Login Name'@'%' ;
```

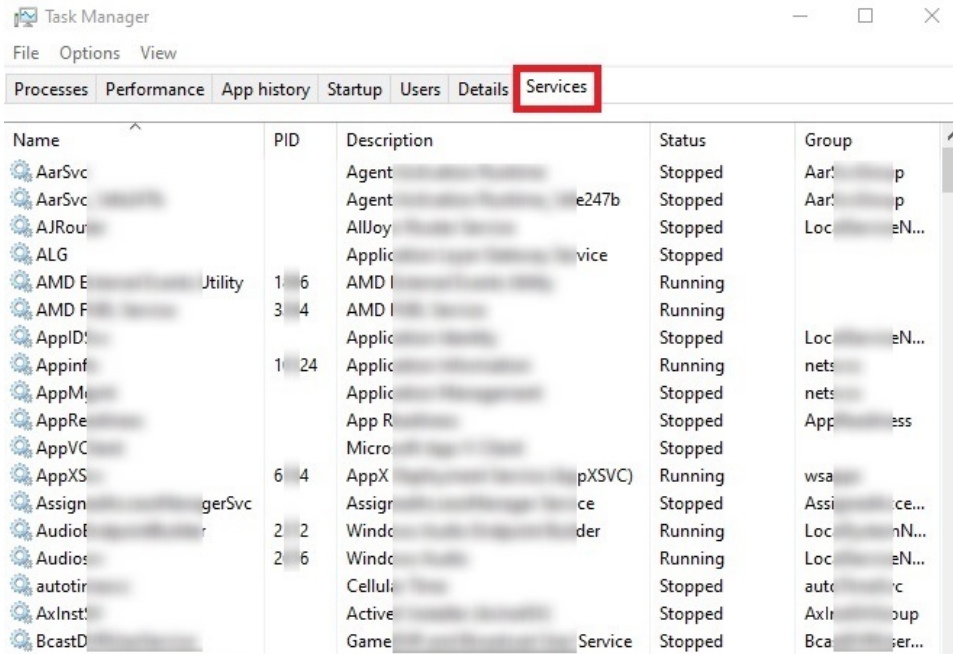
Where:

- **Select** - means read data only.
 - **Database Name** is the name of the database to which you want to sync data to MSPbots.
 - ***** means all tables or you can specify any table.
 - **Login Name** is the login name set when creating the MySQL account in the previous step (Step 2).
- Example:

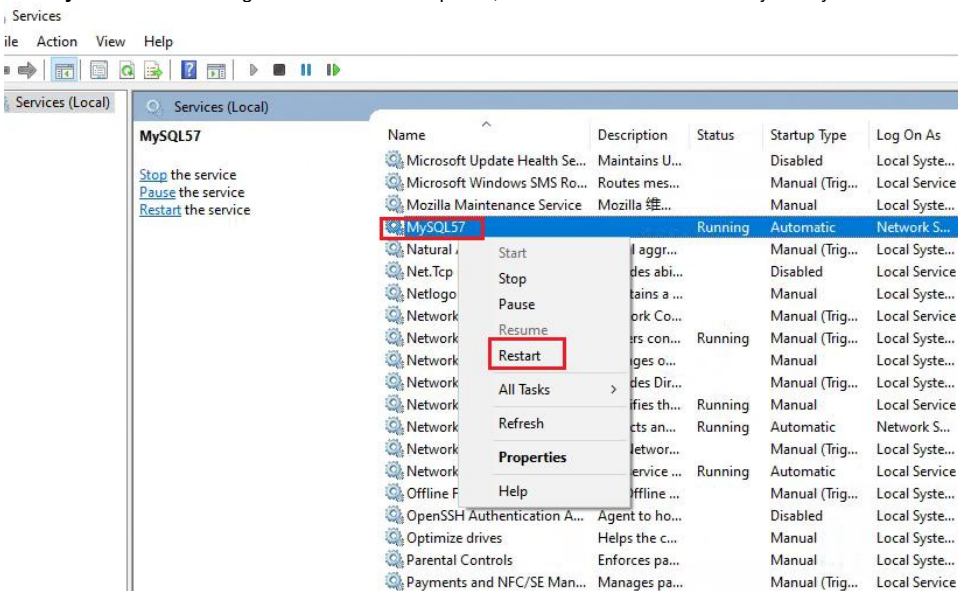
```
GRANT Select ON autotest.* TO 'mspbots'@'%' ;
```

4. Open the **Task Manager** by typing the key combination **Ctrl + Shift + Esc** .

5. Click **Services**.



6. Find **MySQL** service and right-click to show the options, and select **Restart** to restart your MySQL.



Related Topics

- [Reminders for Connecting to MSPbots via API or SQL Agent](#)
- [E-Automate On-Premise Integration](#)
- [ConnectWise Automate On-Premise Integration Setup](#)
- [SQL Agent Integration Setup](#)
- [How to Create a Read-Only Account on the MySQL or SQL Server](#)