

How to Create a Read-Only Account on the MySQL or SQL Server

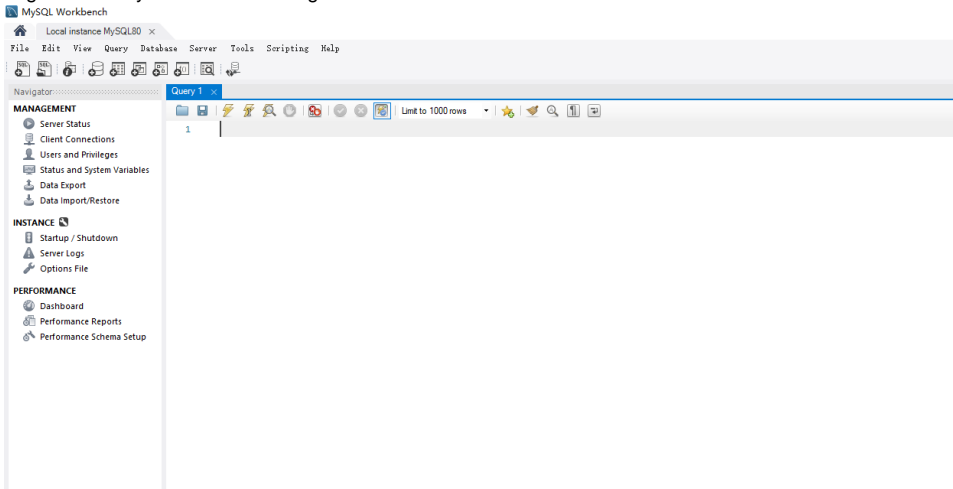
You need to give MSPbots read-only access to your company's SQL server so that we can pull data from your server without modifying or deleting entries. Read-only access to your database also helps us create datasets for your use.

What's in this article

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- [Creating a read-only account for the SQL server](#)
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Creating a read-only account for MySQL

1. Log in to the MySQL Console using the root or admin account.



2. Create a new account that allows remote access and set a password. Type the following command:

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

where

'%' allows remote access,

'mspbots' is the Login name, and

'123456' is the Password.

To delete an existing account, use the following command:

```
DROP USER 'mspbots'@'%' ;
```

3. Next, grant read-only permissions to the MySQL account. Type the following command:

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

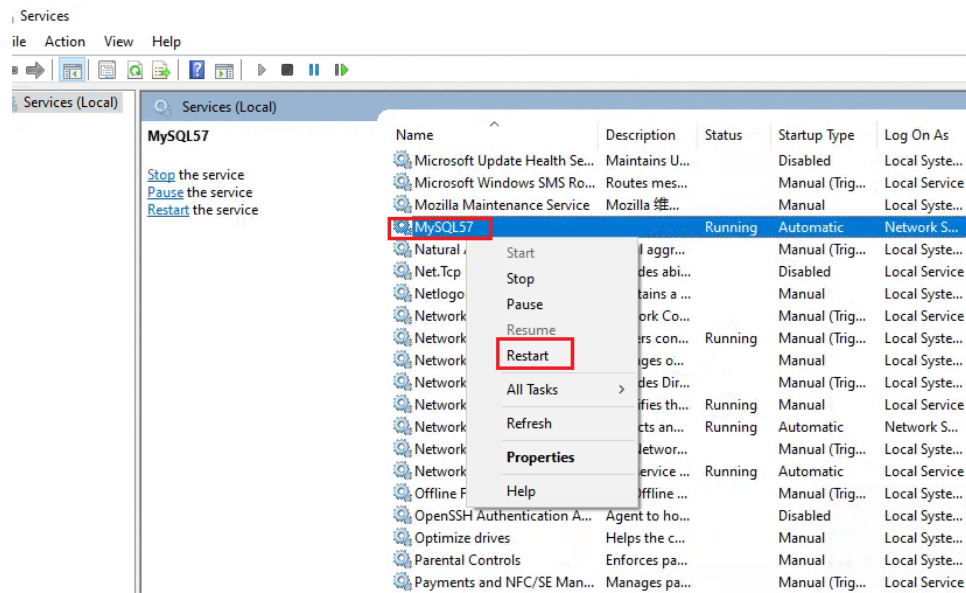
where

'SELECT' allows read-data access only,

'autotest' is the name of the database to which you want to synchronize data with MSPbots, and

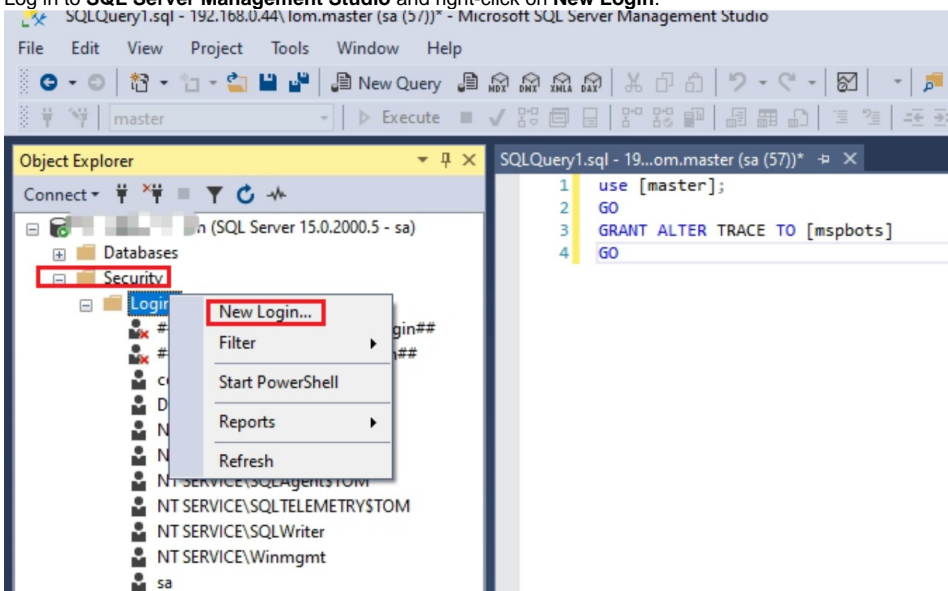
'.*' is ALL the tables or the specific tables that can be selected for synchronization.

4. Restart the MySQL server.



Creating a read-only account for the SQL server

1. Log in to **SQL Server Management Studio** and right-click on **New Login**.



2. On the **Login Properties - mspbots** window, type **mspsqlagent** on the field for **Login name** and select the **SQL Server authentication** radio button.

3. Enter and confirm the **Password**, and tick the checkboxes for **Enforce password policy** and **Enforce password expiration**.

Login Properties - mspbots

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 [empty]

☐ Mapped to asymmetric key [empty]

☐ Map to Credential [empty] Add

Mapped Credentials

Credential	Provider
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Remove

Default database: autotest

Default language: English - us_english

OK Cancel

4. Next, go to **User Mapping**. Select the database that you want to synchronize and put checkmarks on the **db_datareader** and **public** checkboxes.

Login Properties - mspbots

Select a page

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

Script ? Help

Users mapped to this login:

Map	Database	User	Default Schema
<input checked="" type="checkbox"/>	autotest	mspbots	dbo
<input type="checkbox"/>	master		
<input type="checkbox"/>	model		
<input type="checkbox"/>	msdb		
<input type="checkbox"/>	tempdb		

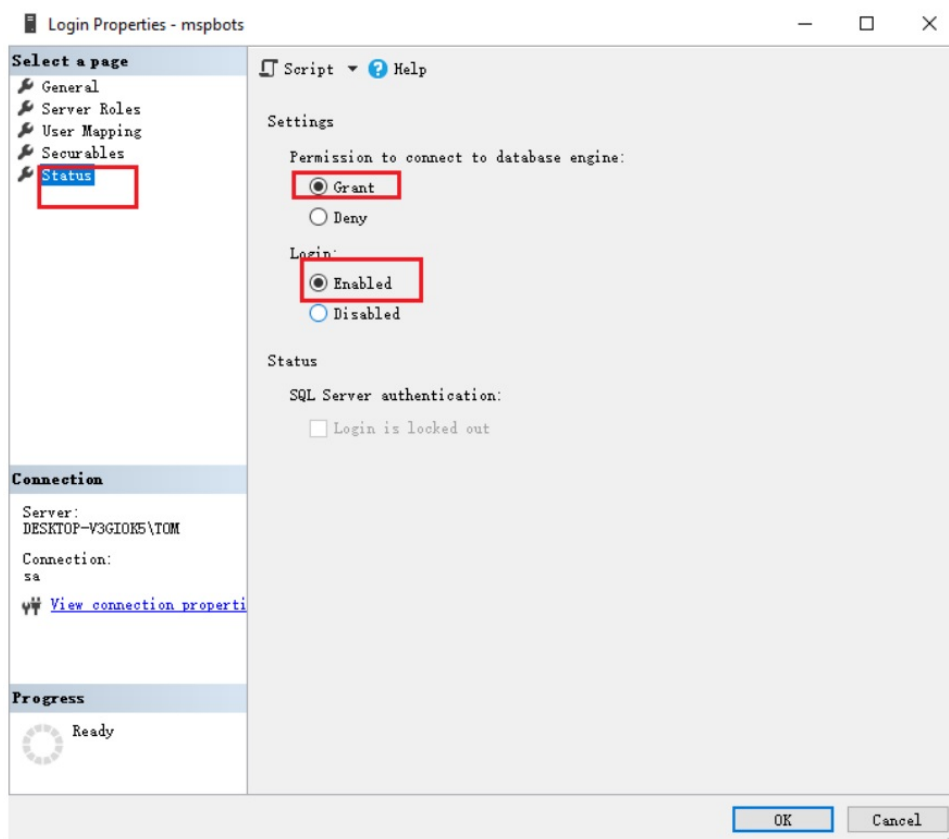
☐ Guest account enabled for: autotest

Database role membership for: autotest

- ☐ db_backupoperator
- ☒ db_datareader
- ☐ db_datawriter
- ☐ db_ddladmin
- ☐ db_denydatareader
- ☐ db_denydatawriter
- ☐ db_owner
- ☐ db_securityadmin
- ☒ public

OK Cancel

5. Then, go to **Status > Settings**. Open the account by selecting the radio buttons for **Grant** under Permission to connect to database engine, and **Enabled** under Login.



6. Click **OK** to save the settings.

Related Topic

- [Reminders for Connecting to MSPbots via API or SQL Agent](#)
- [SQL Agent Integration Setup](#)
- [How to Create a Read-only Account for Your SQL Server or MySQL](#)