

Wasp

BARCODE TECHNOLOGIES

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SQL Server User Mapping for InventoryControl, MobileAsset, WaspTime

Scott Leonard - 2017-06-22 - in Version 7

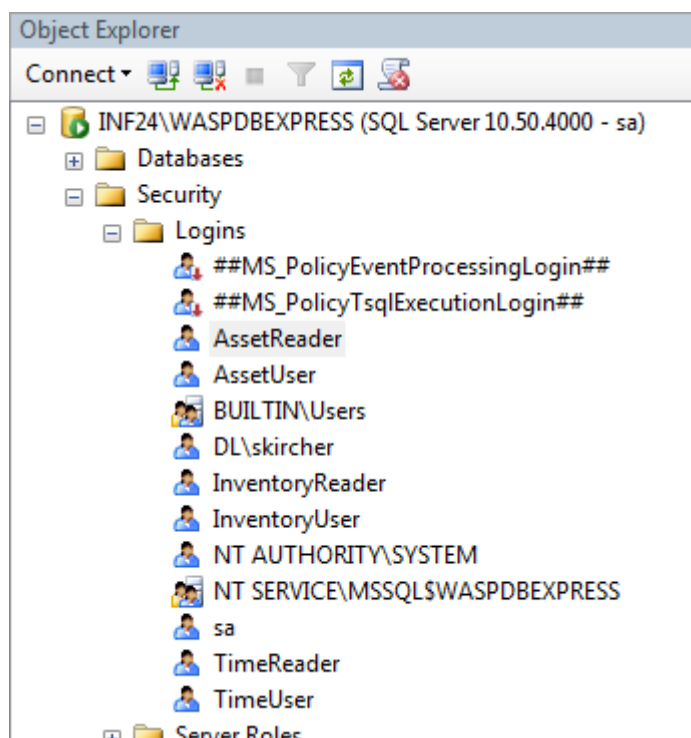
InventoryControl, MobileAsset, and WaspTime use a pair of SQL user IDs for various functions. The ID names vary depending on which program is in use, but their attributes are similar.

- The "User" account is used by the program when making changes to the database (e.g. PC client, mobile devices).
- The "Reader" account is used by Labeler and the Crystal Reports viewer for read-only access (no database changes).

Program \ Account Type	Read/Write	Read-Only
InventoryControl	InventoryUser	InventoryReader
MobileAsset	AssetUser	AssetReader
WaspTime	TimeUser	TimeReader

To view/edit the User Mapping for the accounts, which determines what the accounts can do:

1. Log into SQL Server Management Studio.
2. Expand Security, Logins (this is under the main Security folder, not the Security folder within a database).

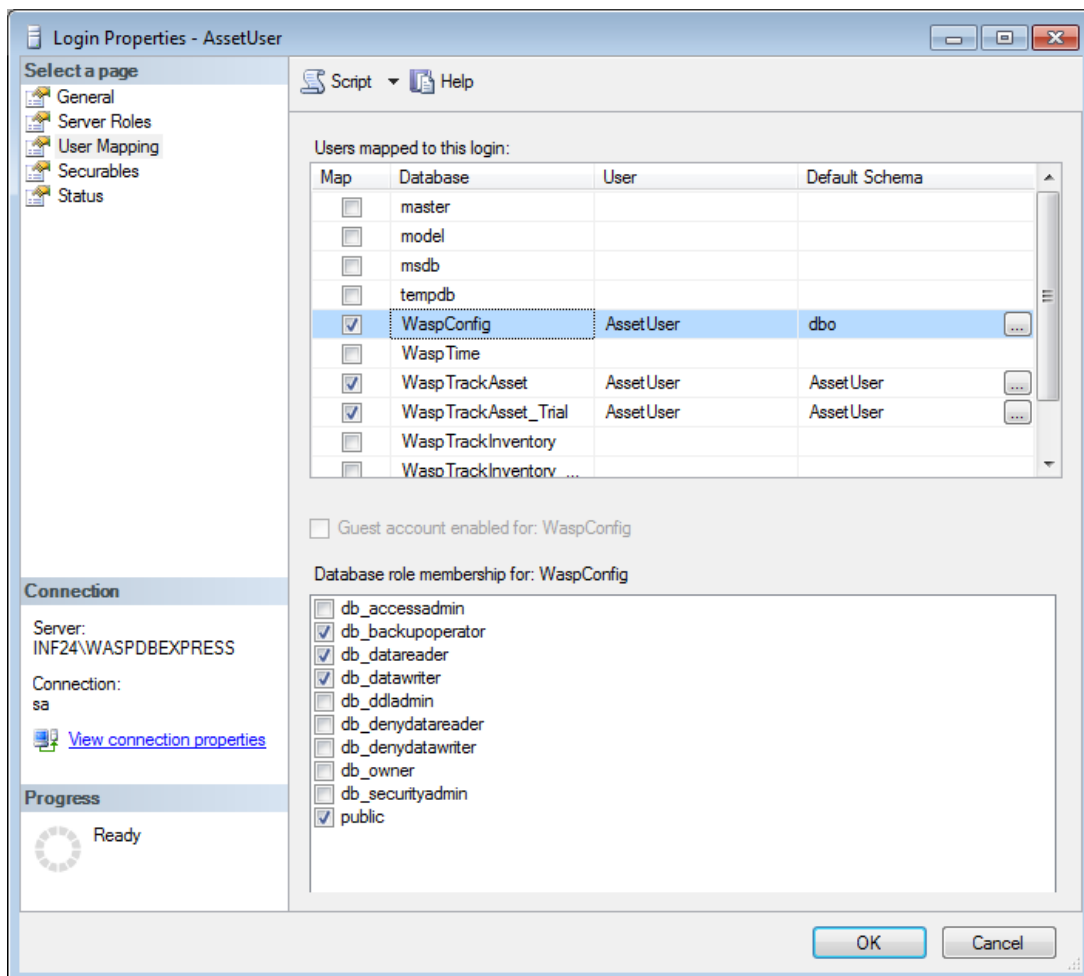


3. Double-click the account.
4. At the left, click User Mapping.

The following screenshots show the proper attributes for each account.

- In the upper right pane, click the row for the database you wish to view/edit.
- Each row in this pane has its own settings for role membership (the lower right pane list of checkboxes). Look at each row/database that the user should have access to.
- The settings should match the screenshots.

- If you need to check the Map checkbox, be sure to match the upper right pane's Default Schema and lower right pane's checkboxes to the screenshot's settings. Exception: When using full SQL Server, the "User" account usually doesn't have db_backupoperator checked (this setting does not affect the operation of the Wasp program).
- If the user ID you're editing already exists in the database(s) where you checked the Map box, you'll get an error when you click OK. Keep the Login Properties box open (move it out of the way if necessary), go back to the main SQL Studio window, delete the user (and associated schema) from the database (in Security, Users), then come back to the Login Properties box and click OK again.



Login Properties - AssetReader

Select a page

General

Server Roles

User Mapping

Securables

Status

Script

Help

Users mapped to this login:

Map	Database	User	Default Schema
<input type="checkbox"/>	master		
<input type="checkbox"/>	model		
<input type="checkbox"/>	msdb		
<input type="checkbox"/>	tempdb		
<input checked="" type="checkbox"/>	WaspConfig	AssetReader	dbo
<input type="checkbox"/>	Wasp Time		
<input checked="" type="checkbox"/>	Wasp TrackAsset	AssetReader	AssetReader
<input checked="" type="checkbox"/>	Wasp TrackAsset_Trial	AssetReader	AssetReader
<input type="checkbox"/>	Wasp TrackInventory		
<input type="checkbox"/>	Wasp TrackInventory ...		

☐ Guest account enabled for: WaspConfig

Database role membership for: WaspConfig

☐ db_accessadmin

☐ db_backupoperator

☒ db_datareader

☐ db_datawriter

☐ db_ddladmin

☐ db_denydatareader

☐ db_denydatawriter

☐ db_owner

☐ db_securityadmin

☒ public

Connection

Server:
INF24\WASPD EXPRESS

Connection:
sa

View connection properties

Progress

Ready

OK

Cancel

Login Properties - InventoryUser

Select a page

General

Server Roles

User Mapping

Securables

Status

Script

Help

Users mapped to this login:

Map	Database	User	Default Schema
<input type="checkbox"/>	master		
<input type="checkbox"/>	model		
<input type="checkbox"/>	msdb		
<input type="checkbox"/>	tempdb		
<input type="checkbox"/>	WaspConfig		
<input type="checkbox"/>	Wasp Time		
<input type="checkbox"/>	WaspTrackAsset		
<input type="checkbox"/>	WaspTrackAsset_Trial		
<input checked="" type="checkbox"/>	WaspTrackInventory	InventoryUser	InventoryUser
<input checked="" type="checkbox"/>	WaspTrackInventory_Trial	InventoryUser	InventoryUser

☐ Guest account enabled for: WaspTrackInventory

Database role membership for: WaspTrackInventory

☐ db_accessadmin

☒ db_backupoperator

☒ db_datareader

☒ db_datawriter

☐ db_ddladmin

☐ db_denydatareader

☐ db_denydatawriter

☐ db_owner

☐ db_securityadmin

☒ public

Connection

Server:
INF24\WASPD EXPRESS

Connection:
sa

[View connection properties](#)

Progress

Ready

OK

Cancel

Login Properties - InventoryReader

Select a page

General

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Help

Users mapped to this login:

Map	Database	User	Default Schema
<input type="checkbox"/>	master		
<input type="checkbox"/>	model		
<input type="checkbox"/>	msdb		
<input type="checkbox"/>	tempdb		
<input type="checkbox"/>	WaspConfig		
<input type="checkbox"/>	Wasp Time		
<input type="checkbox"/>	Wasp TrackAsset		
<input type="checkbox"/>	Wasp TrackAsset_Trial		
<input checked="" type="checkbox"/>	WaspTrackInventory	InventoryReader	InventoryReader
<input checked="" type="checkbox"/>	WaspTrackInventory_Trial	InventoryReader	InventoryReader

☐ Guest account enabled for: WaspTrackInventory

Database role membership for: WaspTrackInventory

☐ db_accessadmin

☐ db_backupoperator

☒ db_datareader

☐ db_datawriter

☐ db_ddladmin

☐ db_denydatareader

☐ db_denydatawriter

☐ db_owner

☐ db_securityadmin

☒ public

Connection

Server:
INF24\WASPD EXPRESS

Connection:
sa

[View connection properties](#)

Progress

Ready

OK

Cancel

Login Properties - TimeUser

Select a page

General

Server Roles

User Mapping

Securables

Status

Script

Help

Users mapped to this login:

Map	Database	User	Default Schema
<input type="checkbox"/>	master		
<input type="checkbox"/>	model		
<input type="checkbox"/>	msdb		
<input type="checkbox"/>	tempdb		
<input type="checkbox"/>	WaspConfig		
<input checked="" type="checkbox"/>	Wasp Time	TimeUser	TimeUser
<input type="checkbox"/>	WaspTrackAsset		
<input type="checkbox"/>	WaspTrackAsset_Trial		
<input type="checkbox"/>	WaspTrackInventory		
<input type="checkbox"/>	WaspTrackInventory ...		

☐ Guest account enabled for: Wasp Time

Database role membership for: Wasp Time

☐ db_accessadmin

☒ db_backupoperator

☒ db_datareader

☒ db_datawriter

☐ db_ddladmin

☐ db_denydatareader

☐ db_denydatawriter

☐ db_owner

☐ db_securityadmin

☒ public

Connection

Server:
INF24\WASPD EXPRESS

Connection:
sa

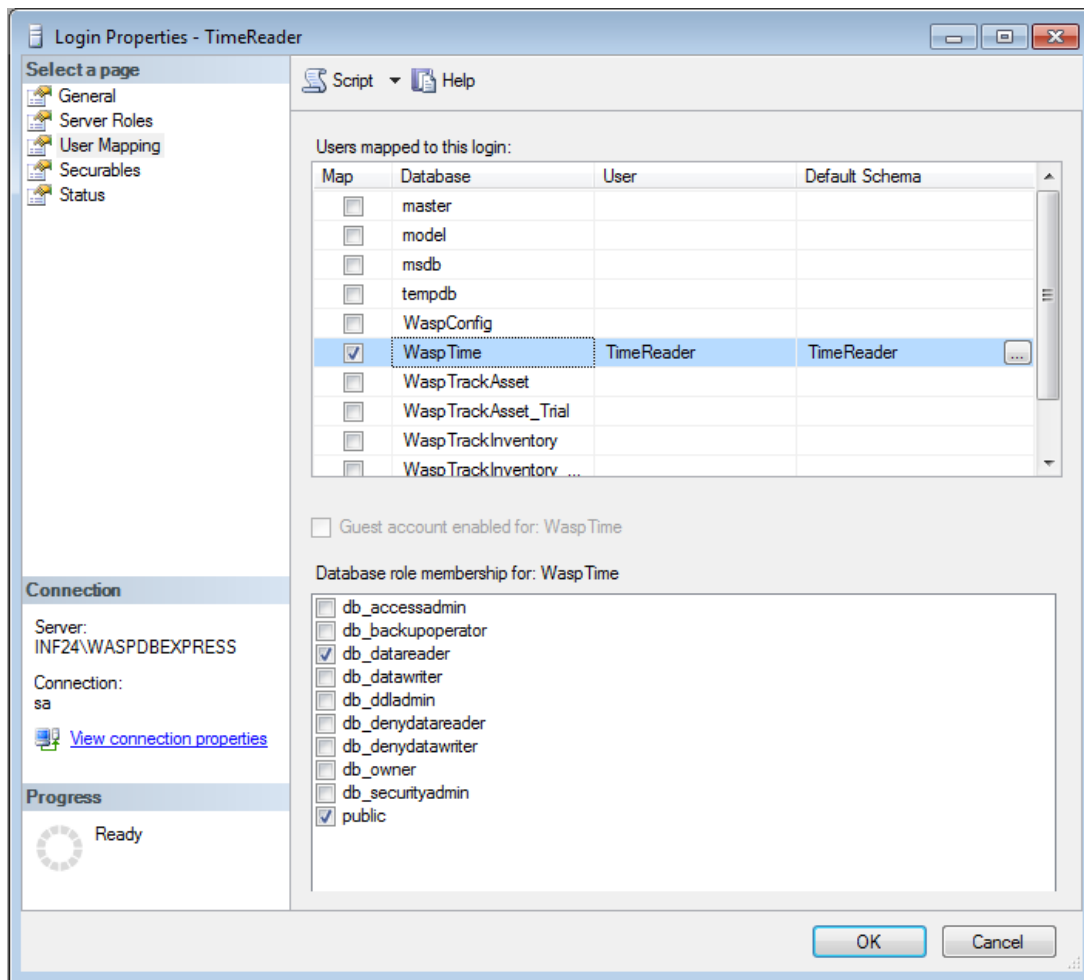
[View connection properties](#)

Progress

Ready

OK

Cancel



Related Pages

- [InventoryControl v7: Creating or Verifying the ODBC Connection for InventoryReader](#)
- [MobileAsset v7: Creating or Verifying the ODBC Connection for AssetReader](#)
- [MobileAsset v7: Nothing happens at Print Preview of Asset Tag, Labeler's Data tab says "The connection to <MobileAsset> is not valid."](#)
- [MobileAsset v6: Creating or Verifying the ODBC Connection for AssetReader](#)