



Database Connections

From the **Administrator tools** panel, select **Database Connector**. When you first launch GMS, or anytime you do not have a default database specified, you will be prompted at this point to create a database connection as well.

The **Database Connections** screen displays a list of any databases which have been created on the left-hand side. Selecting any of these database shall display its settings on the right-hand side.

Select **Create new** to set-up a new database connection. Selecting this link prompts you to choose whether you are creating a **SQL Server** or **NexusDB** database connection.

Use of the **SQL Server** requires that you first configure the SQL Server. GMS will automatically create the empty table within your database the first time it starts up.

The screenshot shows the 'Database connections' window. On the left, there is a table with columns 'Type' and 'Name'. The table contains one entry: 'NexusDB' with 'LA Transfer' as the name. Below the table is a dropdown menu for 'Default database at startup' with the option 'Use most recently selected database'. On the right, the 'Connection settings: SQL Server' panel is active. It includes fields for 'Connection name' and 'Nickname (optional)', a checkbox for 'Prevent selection of this database at startup', fields for 'Server address' and 'Database', a checkbox for 'Use domain authentication to server', and a field for 'Default server login ID (optional)'. There is also a warning icon and a text box for 'Notice to show on-screen when this connection is used:'. At the bottom right, there are 'Save' and 'Cancel' buttons. The Microsoft SQL Server logo is visible on the right side of the settings panel.

Connection name: Use this field to name your database something distinctive from your other databases.

Server Address: Use this field to enter the IP address or DNS-resolvable name of the server which holds your data.

Database: Use this field to enter the name of the database within SQL Server that holds your data. This will have been set by your database administrator. To specify an instance on a server, use the backslash (“\”) character to delimit the instance from the address.

The **NexusDB** allows you to use GMS as a standalone installation.

The screenshot shows a window titled "Database connections" with a sub-tab "Connection settings: NexusDB". On the left, there is a list of existing connections with columns for "Type" and "Name". One connection is listed: "NexusDB" with the name "LA Transfer". Below this list is a "Default database at startup:" dropdown menu set to "Use most recently selected database". The main configuration area on the right includes:

- "Connection name:" and "Nickname (optional):" text input fields.
- A checkbox for "Prevent selection of this database at startup".
- "Connection type:" dropdown menu set to "Connect to a NexusDB server".
- "Server address:" and "Port:" text input fields.
- "Database alias:" text input field.
- A checkbox for "NexusDB Server configuration requires you to log in before accessing data".
- A "Notice to show on-screen when this connection is used:" section with a warning icon and a text input field.
- Two blue links: "Test this database connection" and "Validate database schema and indexes".
- "Save" and "Cancel" buttons at the bottom right.

The NexusDB logo is visible in the background of the configuration area.

Connection name: Use this field to name your database something distinctive from your other databases.

Connection type: Use this drop-down to choose between **Connect to a NexusDB server** and **Work with local data files directly**.

Server address: Use this field to enter the IP address or name of the machine where nxServer.exe is running.

Port: Leave this blank to use the default port of 16000, or enter a specific port number if you have configured NexusDB server to use a different one.

Database alias: The alias is the name that you gave the database when setting up NexusDB server, not the folder that the files are stored in.

Regardless of database type, you have the ability to designate a specific database as your **Default database at startup**, or **Use most recently selected database**.