

SQL Error - SQL Could not allocate space because the file group is full

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Indications

When attempting to add a user to the Recast Management Server, or when attempting to run an action in Right Click Tools, nothing appears to happen. Sometimes the **SQL Could not allocate space because the file group is full** error will appear in the Recast Management Server stdout logs.

Possible Causes

This error can occur when the SQL RecastManagementServer database is full and can no longer be expanded. This can happen when:

- The hard disk the RecastManagementServer database resides on is full
- SQL has an upper limit assigned for the amount of space that the RecastManagementServer database can grow
- You are using SQL Express which only allows a database to grow to a maximum of 10GB

Resolution

If you are using a full version of SQL:

- You can either move the database to a new location, or add space to that drive (if it is virtual). If you move the database to a new location, you will need to change the location that the Recast Management Server looks for the database. That information is stored in the **appsettings.production.json** file which is located at `C:\Program Files (x86)\Recast Software\Recast Management Server\appsettings.production.json`. You will need to change the **Server** setting to include the FQDN of the server as well as the port in the following format: `Server=FQDN,1433`.
- You can change the upper limit for the database. It is possible to allow the database to grow larger (if space is available) by changing the maximum size. For steps, see [How to Define the Size of a SQL Server Database](#).

If you are using SQL Express:

If you have hit SQL Express' 10GB limit for a database, you will need to remove some data by running a query to delete items from SQL Server Management Studio (SSMS).

To run the query:

1. Log into SQL Server Management Studio.
2. Right Click on the RecastManagementServer database and select **New Query**.
3. Enter the following query into the window that opens: **delete from ActionExecutions**.
4. Click **Execute** in the ribbon above the Object Explorer.

The execution will take some time, but will list the number of rows deleted when it is complete.

