

**Azure Refresh**

**Purpose:**

Migrate databases to Azure-managed instances by dropping current databases, copying and validating new ones, renaming them, updating permissions, and moving them to System Admin.

**Steps:**

1. Log on to the instance with the MFA login (Azure Active Directory – Universal with MFA) on SSMS
   1. UAT - rfpl-sql-preprod-02.c07da6b21265.database.windows.net
   2. Staging - rfpl-sql-preprod.c07da6b21265.database.windows.net
   3. Test - rfpl-sql-devtest-02.40f5fdcbfb84.database.windows.net
   4. Dev - rfpl-sql-devtest.40f5fdcbfb84.database.windows.net
2. Drop the databases that are currently on the server using SQL Server Management Studio (SSMS). To do this, enter the script that will remove the existing databases from the server.

Doing this step is important if the previous databases are not dropped then the instance will max out at 100 and stop the import of the new databases and data. (The drop databases takes about 30 - 45 minutes)

1. Navigate to the [Azure Portal](https://portal.azure.com/#view/HubsExtension/BrowseResource/resourceType/Microsoft.Sql%2FmanagedInstances)
   1. Select the Source Instance (in most cases it will be rfpl-sql-prod)
   2. Go to the data management section
   3. Select the databases
   4. Inside the Database screen click on the checkbox of all the databases you want to copy then click on the Copy button.
   5. Press the Next: Destination detail button
   6. Select a resource group
      1. For Dev/QA environments the resource group: RG-SQLDB-RFPL-DEVTEST
      2. For Stage/UAT environments the resource group: RG-SQLDB-RFPL-PREPROD
   7. Select the managed instance
      1. Under RG-SQLDB-RFPL-DEVTEST
         1. RFPL-SQL-DEVTEST is the Dev Environment
         2. RFPL-SQL-DEVTEST-02 is the Test Environment
      2. Under RG-SQLDB-RFPL-PREPROD
         1. RFPL-SQL-PREPROD is the Stage Environment
         2. RFPL-SQL-PREPROD -02 is the UAT Environment
   8. Press Next: Review + Start
   9. Please validate that all the items are correct and ensure that the source instance is where the database is being pulled from. The destination is correct and it’s the instance where the database needs to be after copying is complete.
   10. Press Start
   11. Under the Operations details column for the databases that are being copied, there will be a “Copy in Progress” next to it. (Might have to adjust the ascending/descending to get them into view)
   12. Once the databases are complete (this could take up to an hour depending on the number of databases selected) in the Operation Details column the databases that were being copied will now display “Copy Ready for completion” if there are multiple the best policy is to wait until they are all complete. Select them all and select Complete.
2. Once that is complete return to the SSMS and validate that all the databases are copied to the destination instance.
3. Rename the databases that are currently on the server using SSMS. To do this, enter the script that will rename the databases as per your requirements.

(The rename of databases takes about 30 -45 minutes)

1. Update the permissions of the migrated databases as necessary, then move them to the System Admin for application-level scripts. This step ensures that the migrated databases have the appropriate access permissions and are ready for application use.

(Permissions should take about 1 -2 minutes)