

Moving bt-LogAnalyzer SE™ Databases between SQL Servers.

bt-LogAnalyzer stores its information in three individual databases. These are named during the installation process but default to the following:

- LAEE_Data
- LAEE_Reports
- LAEE_Settings

NOTE: If you are unsure of the Database location, you can view additional DB configuration information by opening the LAEEConnectionStrings.config file in any text editor. The file is located in the Burst Technology\bt-LogAnalyzer 7\Services and Web Interface directories.

Pre-Requisites:

The following items must be addressed prior to moving the bt-LogAnalyzer DB's.

- Microsoft SQL Server Management Studio (SSMS)
- Security Method used (Integrated or SQL)
- DBO permissions for the bt-LogAnalyzer Service accounts
- Permissions for bt-LogAnalyzer server to communicate with SQL server
- Permissions for ISA server to communicate with SQL Server (If using MSDE or SQL logging)
- Ensure no current actions are taking place (Data Loading, Categorization, Report Generation, Etc)

Moving the Databases:

To move the bt-LogAnalyzer SE™ databases perform the following steps:

1. Stop all LASE services
 - a. FstorageSrv
 - b. LA7DataCategorizer
 - c. LA7DataLoader
 - d. LA7Main
 - e. LA7ReportGenerator
 - f. LA7Security
2. Open SQL Management Studio and connect to the server currently holding the LASE databases
3. Under the 'Databases' container, locate the LAEE_Data Database.

NOTE: It is recommended to perform a DB Shrink operation prior to moving the Databases to remove any unused storage in the MDF and LDF files.

4. You can either 'Detach' the databases or perform a 'Backup/Restore' operation. To continue with the 'Backup/Restore' option, proceed to step 5. The Detach option is not covered in this document

Backup/Restore Method (Safest)

5. Right click on the LAEE_Data Database in SQL Server Management Studio (SSMS) and select 'Tasks -> Backup'
6. Verify the following settings:
 - a. Source
 - i. Database: LAEE_Data
 - ii. Backup Type: Full
 - b. Backup Set
 - i. Name (Name for your backup)

- ii. Description: (Optional)
 - iii. Backup set will expire: (Set to 0 Days)
 - c. Destination
 - i. Back up to: Disk
 - ii. Enter the location for the backup file.
7. Click 'OK' to begin the backup
8. Click 'OK' to the successful backup message
9. Repeat steps 5 through 8 for the remaining 2 databases.

Restoring the Databases

10. Connect to the new DB server with SSMS
11. Right click on the 'Databases' container and select "Restore Database"
12. in the 'Destination for restore' section, type the name of the Database.
13. In the 'Source for restore' section, select the 'From Device' option
14. Select the browse button to the right of the field.
15. Add the backup file for the appropriate Database and click 'OK'
16. In the 'Select the backup sets to restore' section, select the 'LAEE_Data-Full Database Backup' option
17. On the left side of the 'Restore Database' window, select 'Options'
18. In the 'Restore the database files as:' section, specify the correct path and file name in the 'Restore As' field.
 - a. (Example: C:\Program Files\Microsoft SQL Server\MSSQL.1\MSSQL\Data\LAEE_Data_data.mdf)
19. Select the 'Leave the Database ready to use..' option and select 'OK'
20. Repeat steps 11 to 19 for the remaining Databases

Configuring bt-LogAnalyzer to connect to the new DB server

NOTE: You may need to set windows explorer to show hidden files and folders as well has to unhide extensions for known file types to see the files in the following steps.

1. Navigate to the Burst Technology\bt-LogAnalyzer 7\services directory under Program Files
2. Locate the 'LAEEConnectionStrings.config' file and edit using notepad or similar application
3. Modify the 3 connection string lines 'Data Source=' line to reflect the new database server.

WARNING: If you are using a different authentication method or Database name you must update the appropriate fields to reflect the changes.

4. Save the file
5. Navigate to the Burst Technology\bt-LogAnalyzer 7\Web Interface directory under Program Files
6. Locate the LAEEConnectionStrings.config file and make the same changes as in step 3
7. Save the file.
8. Restart all bt-LogAnalyzer Services
9. Restart IIS