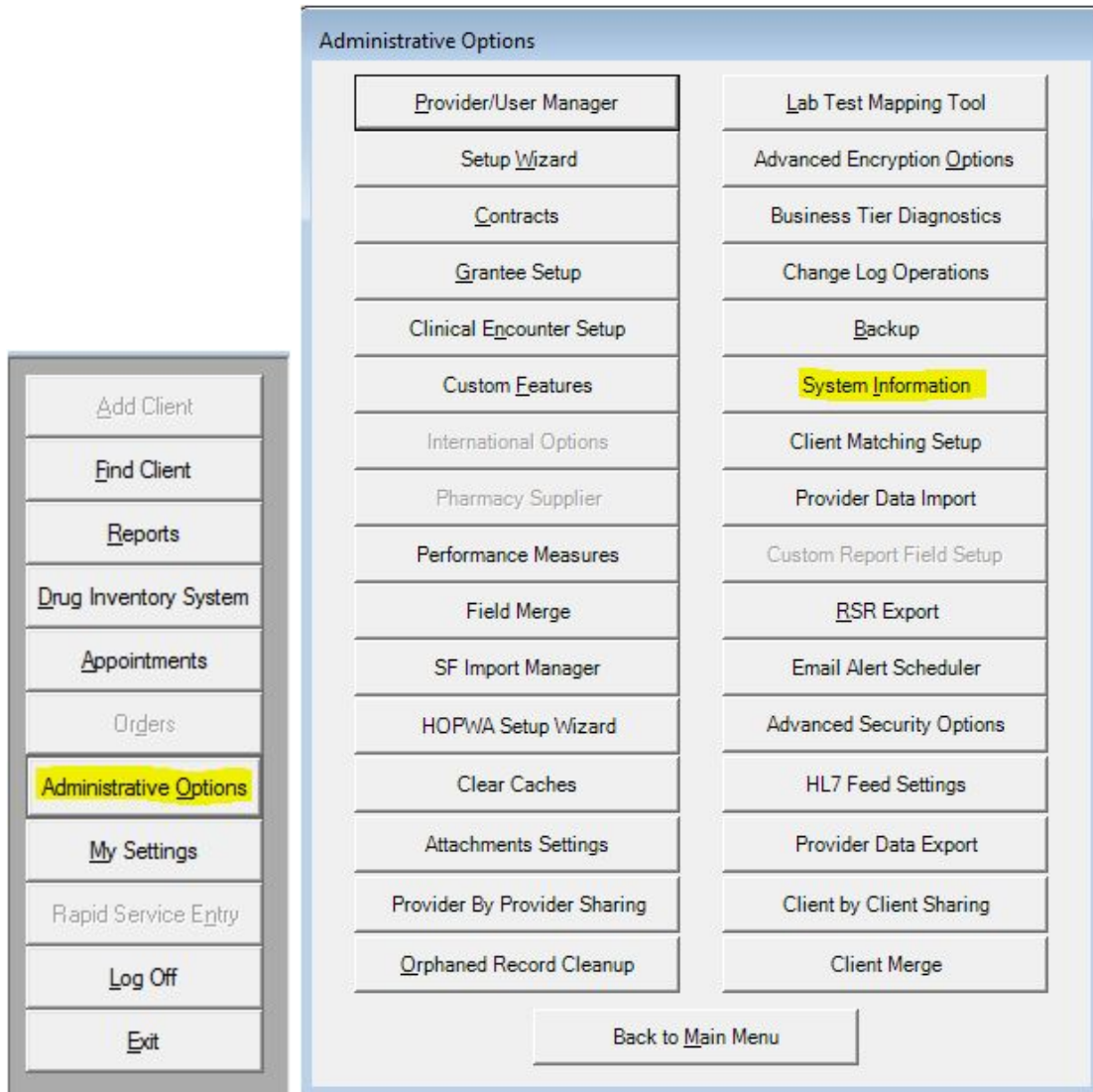


CAREWare has *Advanced Indexing Options* as of build 906. In addition to the option to reindex, using the *Reindex Now* button, users can fine tune settings to manage the database. The *Advanced Indexing Options* include a report displaying potential changes to the database and a function to complete changes that will improve the function of the database.

1. Click *Administrative Options*.
2. Click *System Information*.





- Auto Close – When the last user exits the database, the database is shut down cleanly and resources are freed. (Recommended to remain off as this may degrade performance.)
- Auto Shrink – If this setting is set to *ON*, SQL Server removes unused space from the database on a periodic basis. (Recommended to remain off as this may degrade performance.)
- Auto-Manage Indexes – This enables the business tier to periodically check for missing indexes and automatically create them, resolving performance issues and errors.

Advanced Database Optimization Options

**This section can be used to optimize database settings and create or modify indexes in order to improve the database's efficiency.**

SQL Server Setting: Auto Close	<input type="radio"/> ON	<input checked="" type="radio"/> OFF (Recommended)
SQL Server Setting: Auto Shrink	<input checked="" type="radio"/> ON	<input type="radio"/> OFF (Recommended)
CAREWare Setting: Auto-Manage Indexes	<input type="radio"/> ON	<input checked="" type="radio"/> OFF

[View Current Index Suggestions](#) [Close](#)

4. Click *View Current Index Suggestions*.
5. Enter the SA password for the database.
6. Click *Continue*.

The Index Suggestion Results includes a list of changes to the database that can improve performance. The changes can be completed by clicking Execute All or a SQL Script can be saved, allowing the user to run some of the index changes or review for running the script later.

Index Suggestion Results

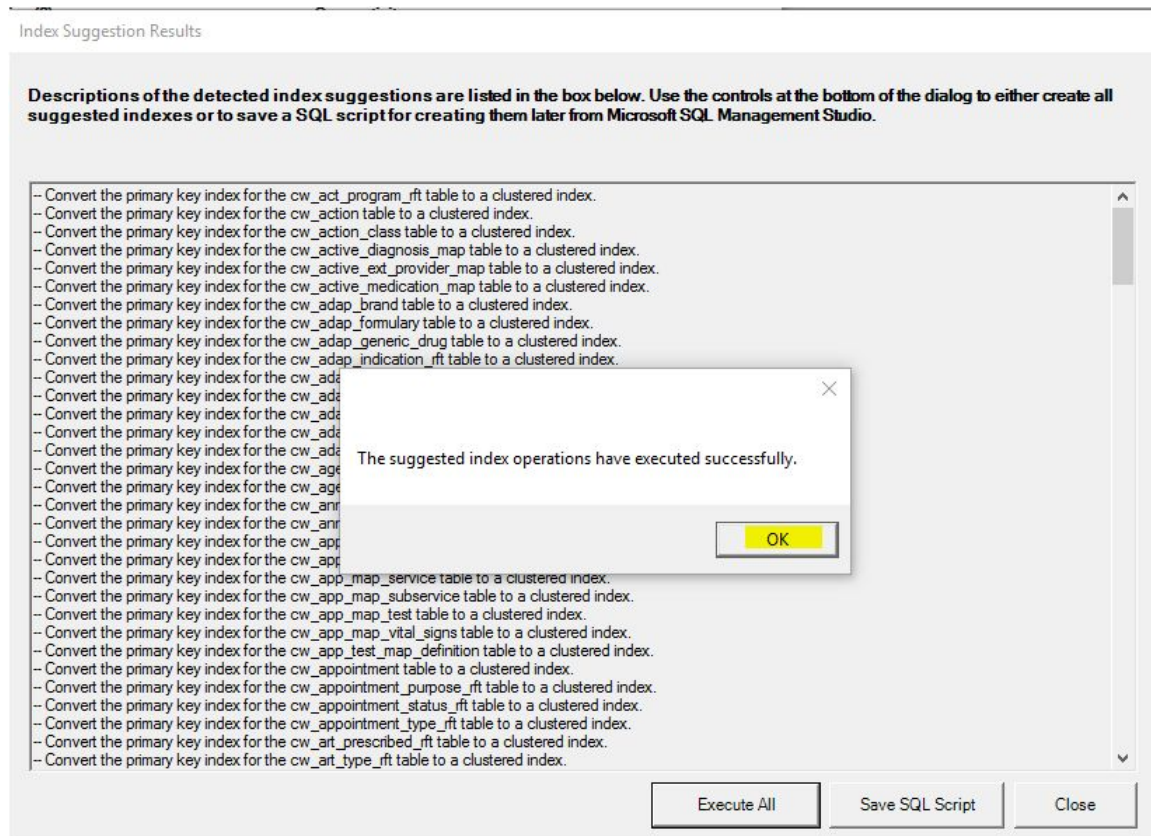
**Descriptions of the detected index suggestions are listed in the box below. Use the controls at the bottom of the dialog to either create all suggested indexes or to save a SQL script for creating them later from Microsoft SQL Management Studio.**

- Convert the primary key index for the cw\_act\_program\_rft table to a clustered index.
- Convert the primary key index for the cw\_action table to a clustered index.
- Convert the primary key index for the cw\_action\_class table to a clustered index.
- Convert the primary key index for the cw\_active\_diagnosis\_map table to a clustered index.
- Convert the primary key index for the cw\_active\_ext\_provider\_map table to a clustered index.
- Convert the primary key index for the cw\_active\_medication\_map table to a clustered index.
- Convert the primary key index for the cw\_adap\_brand table to a clustered index.
- Convert the primary key index for the cw\_adap\_formulary table to a clustered index.
- Convert the primary key index for the cw\_adap\_generic\_drug table to a clustered index.
- Convert the primary key index for the cw\_adap\_indication\_rft table to a clustered index.
- Convert the primary key index for the cw\_adap\_ingredient table to a clustered index.
- Convert the primary key index for the cw\_adap\_map table to a clustered index.
- Convert the primary key index for the cw\_adap\_ndc table to a clustered index.
- Convert the primary key index for the cw\_adap\_quarter table to a clustered index.
- Convert the primary key index for the cw\_adap\_report table to a clustered index.
- Convert the primary key index for the cw\_agency\_funding\_rft table to a clustered index.
- Convert the primary key index for the cw\_agency\_type\_rft table to a clustered index.
- Convert the primary key index for the cw\_annual\_custom table to a clustered index.
- Convert the primary key index for the cw\_annual\_review table to a clustered index.
- Convert the primary key index for the cw\_app\_imm\_map\_definition table to a clustered index.
- Convert the primary key index for the cw\_app\_map\_immunization table to a clustered index.
- Convert the primary key index for the cw\_app\_map\_service table to a clustered index.
- Convert the primary key index for the cw\_app\_map\_subservice table to a clustered index.
- Convert the primary key index for the cw\_app\_map\_test table to a clustered index.
- Convert the primary key index for the cw\_app\_map\_vital\_signs table to a clustered index.
- Convert the primary key index for the cw\_app\_test\_map\_definition table to a clustered index.
- Convert the primary key index for the cw\_appointment table to a clustered index.
- Convert the primary key index for the cw\_appointment\_purpose\_rft table to a clustered index.
- Convert the primary key index for the cw\_appointment\_status\_rft table to a clustered index.
- Convert the primary key index for the cw\_appointment\_type\_rft table to a clustered index.
- Convert the primary key index for the cw\_art\_prescribed\_rft table to a clustered index.
- Convert the primary key index for the cw\_art\_type\_rft table to a clustered index.

Execute All    Save SQL Script    Close

To complete the changes to the indexes:

1. Click *Execute All*.
2. Click *OK*.



Click *Save SQL Script* to save the script for review or completing the changes later.