

Kofax Search and Matching Server

Release Notes

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Chapter 1

About This Release

This set of release notes contains important information not included in other Kofax Search and Matching Server documentation. Please read these release notes carefully before you install, upgrade, or use this product.

Information about supported operating systems and other requirements is available on the Kofax Support website at www.kofax.com.

Version Information

The Kofax Search and Matching Server 6.8 release has the following build number, which appears in the About Kofax window:

6.8.0.0.0.2406

New Features

There are no new features for this version.

Changes in behavior

The following changes have been made to the behavior of Kofax Search and Matching Server 6.8.

Database import/export zip file password

After an improvement of the algorithm used to zip a database, it is no longer possible to add a password when you zip a database for export.

If it is necessary to encrypt or decrypt your zipped database file, use a third-party zip tool such as 7-Zip or similar.

Hosted help with offline configuration

The documentation for Kofax Search and Matching Server 6.8 is now hosted online at <https://docshield.kofax.com/Portal/Products/KSMS/6.8.0-vr4sqfcys1/KSMS.htm>.

For more information on hosted documentation as well as how to configure offline documentation, see the *Kofax Search and Matching Server Installation Guide*.

Microsoft SQL 2017 support

Kofax Search and Matching Server 6.8 now supports Microsoft SQL 2017.

Oracle support

Kofax Search and Matching Server now supports Oracle 18.3, where a managed driver is required rather than the full ODAC drivers. This means that if you are upgrading from Kofax Search and Matching Server 6.7 to Kofax Search and Matching Server 6.8, it is necessary to install this new driver.

Parameter changes

When installing via the command line, the `TARGET_DATABASESPATH` parameter is now the `KSMS_DATAFOLDER` parameter. This is because it is now possible to specify a separate storage location for the Load Balancer data and another for the Kofax Search and Matching Server data, such as fuzzy databases, log files, and uploaded files.

Use the `LOADBALANCER_DATAFOLDER` parameter to specify the data path for the Load Balancer.

Chapter 2

Resolved Issues

The following problems have been resolved in Kofax Search and Matching Server 6.8.

1232148 - Exception thrown in performance counter

An exception is no longer generated in the performance counter.

1193047 - Unhandled exception causes crash

An exception is no longer caused when attempting to import a CSV file that was recently generated from a database.

1059755 - Blank columns introduced when more delimiters than necessary

It is no longer possible to import a database when a CSV source file is missing field names for one or more columns. An error message is displayed providing information on how to fix the issue.

Kofax Search and Matching Server 6.7 Fix Packs

The following Fix Packs have been released for Kofax Search and Matching Server since 6.7.0 was released.

Kofax Search and Matching Server 6.7.0 Fix Pack 2

The following problem has been resolved in Kofax Search and Matching Server 6.7.0 Fix Pack 2 (6.6.0.2).

1134071 - After updating the Oracle connection the case on columns becomes lowercase

When a database is imported the case of the column characters are no longer converted to lowercase. Instead, the case matches the source database.

This applies to fuzzy databases, relational databases, and text files.

Kofax Search and Matching Server 6.7.0 Fix Pack 1

The following problem has been resolved in Kofax Search and Matching Server 6.7.0 Fix Pack 1 (6.6.0.1).

1109113 - Relational database with tables names containing illegal path characters fail during import

Relational objects containing characters that are not allowed in a usual Windows path can now be imported correctly.

1100981 - Postgres database causes syntax error

An error is no longer generated when the first records of a relational database table or view are returned.

This includes fixes for MySQL, Oracle, MsSQL, DB2, SQLite, and Access databases.

904956 - Database error when changing import options while adding new database

An error no longer occurs when you try to import a database with a word delimiter setting.

835333 - Database lookup search ignores maximum results parameter with Kofax Search and Matching Server

A new optional setting called `KsmsMaximumResultCountThreshold` is now available for use in the configuration file. This new option forces Kofax Search and Matching Server to limit the results when the threshold is hit. By default, all results matching the search settings are returned, and this setting is not used. If you want to restrict the number of results, the recommended value for this option is 50000.

It is important that this threshold is set to a reasonable value that is not too low, to avoid side-effects on the database locator. A limit that is too low may exclude results that are rated as "the best" by the database locator logic. In most cases, this new threshold is not needed because the "Maximum Results" limit set in the database locator or in the database lookup limit the results list adequately.

This new threshold applies only when the first results are multiple results with the same confidence. In this case, the "Maximum Results" setting cannot apply since none of these results is better or worse. Therefore all have to be handled by the database lookup or database locator. If however, the number of results with the same confidence is so high that it causes performance issues, then this new setting can eliminate this problem by limiting the results.

The configuration file for the Kofax Search and Matching Server service must be created by the user in the same folder as the `Kofax.KSMS.Service.exe` executable, and be named: `Kofax.KSMS.Service.exe.Config`.

Configuration file structure:

```
<?xml version="1.0"?>
<configuration>
  <appSettings>
```

```
<add key="KsmsMaximumResultCountThreshold" value="50000"/>
</appSettings>
</configuration>
```


Chapter 3

Known Issues

This section contains information about potential problems that you could encounter while using Kofax Search and Matching Server. These problems are organized by product feature, and workarounds are provided as applicable.

Installer Does Not Update Registry Values When Settings Change

After installing Kofax Search and Matching Server and optionally, the Load Balancer, it is not possible to call the installer with the change option in order to modify the following settings.

- The Kofax Search and Matching Server Administrator group
- The respective data folder path
- The service credentials

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Workaround: To change the service credentials, it is necessary to re-install Kofax Search and Matching Server. However, if you want to change the administrator group or the data folder only, you can edit the settings manually in the `Kofax.KSMS.Service.exe.config` and if installed, the `Kofax.KSMS.LoadBalancerService.exe.config` configuration files.

Services User Account Permissions

If you install Kofax Search and Matching Server using a user account that is different to the default account, that other user account must have the "Log on as a service" permissions.

If these permissions are not applied, an error message is displayed during installation stating that the service cannot be started because the user does not have the necessary privileges.

Workaround: Assign the necessary permissions to the Service user account.