

Kerio IMAP Migration Tool

Version: 7.4

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1 Introduction

This document provides guidelines for migration of user accounts and data from any IMAP server to the *Kerio Connect's* store. Such migration requires a special tool called *Kerio IMAP Migration Tool* which can be downloaded for free from the *Kerio Technologies* website.

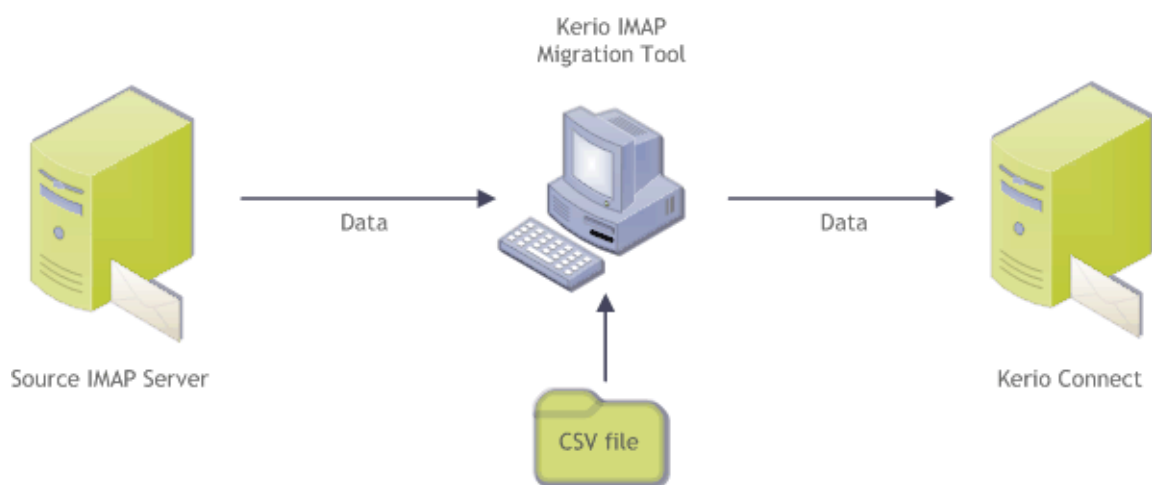


Figure 1 Schematic diagram of the migration process

The following data can be migrated:

1. Domains
2. Users
3. Email folders in mailboxes
4. Email messages
5. If the source IMAP server supports groupware data (contacts, events, tasks, etc.) and the data is available via the IMAP protocol, the data will be included in the migration. However, *Kerio IMAP Migration Tool* does not support conversion of such data. In the Kerio Connect store, they are saved in the same format as on the source server. It will be probably impossible to view the data in email clients with exception of the folders themselves.

2 Before you start

Before you start migrating, consider the following aspects:

Duration of the migration process

Before starting a migration, bear in mind that time consumed by the migration process depends on size on accounts involved. It is recommended to get the network and all users involved ready for outage of email services and for migration in low-load time. Migration can be also done step by step by smaller groups of users.

CSV file with user accounts

Migration requires preparation of a CSV file that would include users and their passwords. This information is crucial for access to the source IMAP server. The data in the CSV file must follow this pattern: `user@domain.com;password;Full Name`

CSV file

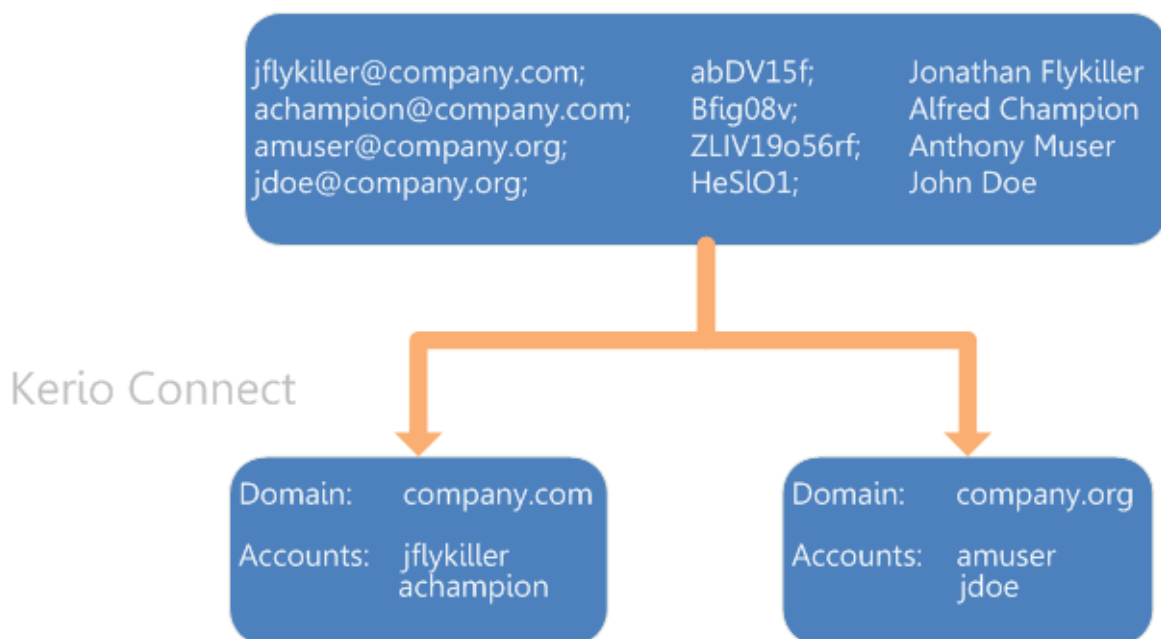


Figure 2 Transformation of the CSV file for Kerio Connect

Public and archive folders

Public and archive folders cannot be migrated by the standard procedure. If you, in spite of this fact, need to migrate also these folders, move them to the mailbox of any user included in the migration first. The folders will then be migrated as private folders.

3 Preparation

1. Install Kerio Connect and run it.
2. In Kerio Connect, the IMAP service must be running on port 143 of the IMAP server.
3. On a machine which can access both Kerio Connect and the source IMAP server, install *Kerio IMAP Migration Tool*.

For the versions of operating systems supported by *Kerio IMAP Migration Tool*, refer to [the Kerio Connect product pages](#).

The migration tool can also be installed on both the source or target mailserver.

4. Before starting the migration, it is recommended to make sure that the source email server cannot accept new emails temporarily. Otherwise, migrated data might be inconsistent.
5. If connection between IMAP server and Kerio Connect goes through a firewall, make sure before migration that the following ports are open at the firewall:
 - TCP protocol on port 143,
 - TCP/UDP protocol on port 44337.

The migration requires that both the source IMAP server and Kerio Connect are running.

4 Migration process

The following description addresses the procedure of starting of the migration tool especially on *Windows*. However, you can follow the guidelines even if you run it on *Mac OS X* or *Linux*:

1.

<i>Windows:</i>	Run <i>Kerio IMAP Migration Tool</i> for example from the <i>Start → Programs → Kerio → IMAP Migration Tool</i> menu.
<i>Mac OS X:</i>	Double-click on the KIMT icon or drag it to <i>Applications</i> .
<i>Linux:</i>	Unpack the TGZ file including the <i>Kerio IMAP Migration Tool</i> application and run the program.

Table 1 Installation on individual operating systems

Do not start the migration tool if it is already running.

2. The migration tool is a wizard which will ask for IP address or DNS name of the source IMAP server and login information for Kerio Connect (you will need to log in with the name and password of the primary administrator).

Note:

IP address of the target server can be specified with the port number included. The migration tool automatically changes the IMAP(S) service port to the defined value before the migration process and refreshes the default value when the migration process is finished.

Note:

- If you want to use SSL-secured connection to the source or target IMAP, check *Use SSL connection*.
- The migration tool will not affect accounts on the source server, but for security reasons it uses them just in the read-only mode, so that it is possible to interrupt

the migration process and keep using the original server until migration of other users. Neither the migration will result in removal of the existing data or settings in Kerio Connect. Migrated data will be added as extra data. Therefore, beware of possible data duplication (data gets duplicated if one account is migrated twice).

3. For connection to both servers, go to *Choose Accounts For Migration*, click on *Load* to load a CSV file with users and check user accounts to migrate (see figure 3).

The migration process may be time-consuming. Therefore, for time-saving reasons it is recommended to migrate data by parts (see section 2).

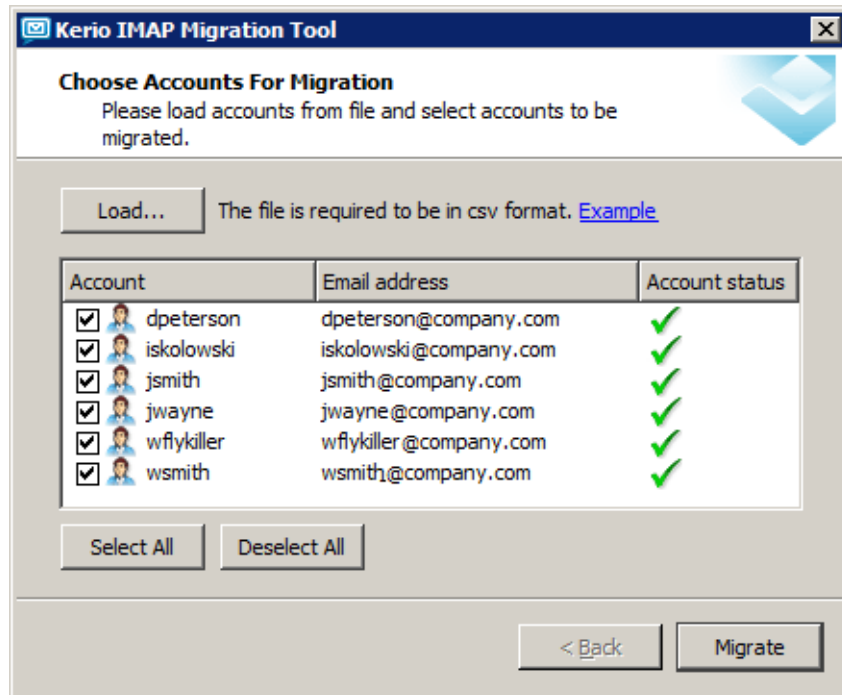


Figure 3 User selection dialog

4. At the start of migration, the *Migration Status* window (see figure 4) is opened, showing the current status of the migration progress.

If the migration process is interrupted (finished without being completed) deliberately, the following results take effect:

- Data of users whose migration has been completed will be saved in Kerio Connect.
- In case of users whose migration was just being in progress in the time of the interruption, only part of the data (data having been migrated completely at the moment) is migrated. If the user is migrated again, the data already migrated gets duplicate. For this reason, it is recommended to remove the partly migrated users in the Kerio Connect's administration interface before executing another migration. To find out which users were involved in an interrupted migration, see the migration report (for details, see section 5).
- Users which, according to the status displayed in the dialog, have not been migrated yet, have no accounts in Kerio Connect created yet and therefore they can be migrated within the next migration.

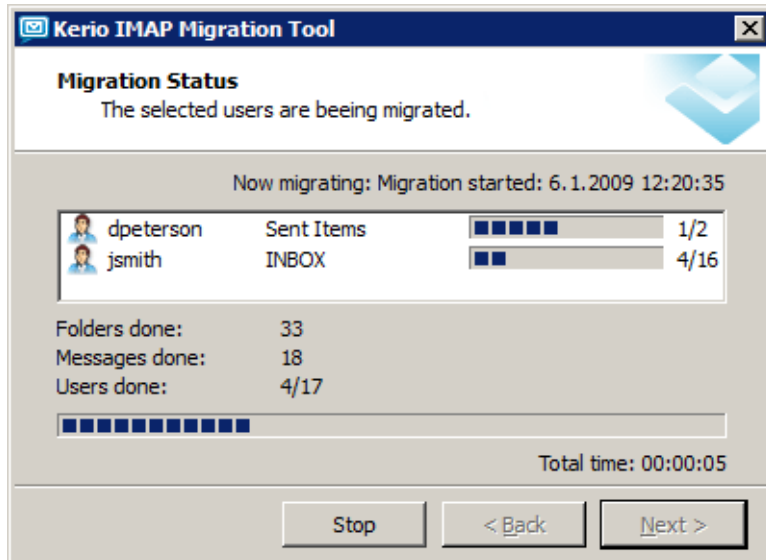


Figure 4 Dialog displaying status of migration of particular mailboxes

- When the migration is completed, the *Migration Result* page gets opened (see figure 5). This page sums up information about the migration which has just been completed.

To get migration process details and reports of possible errors, click on the *Report* link.

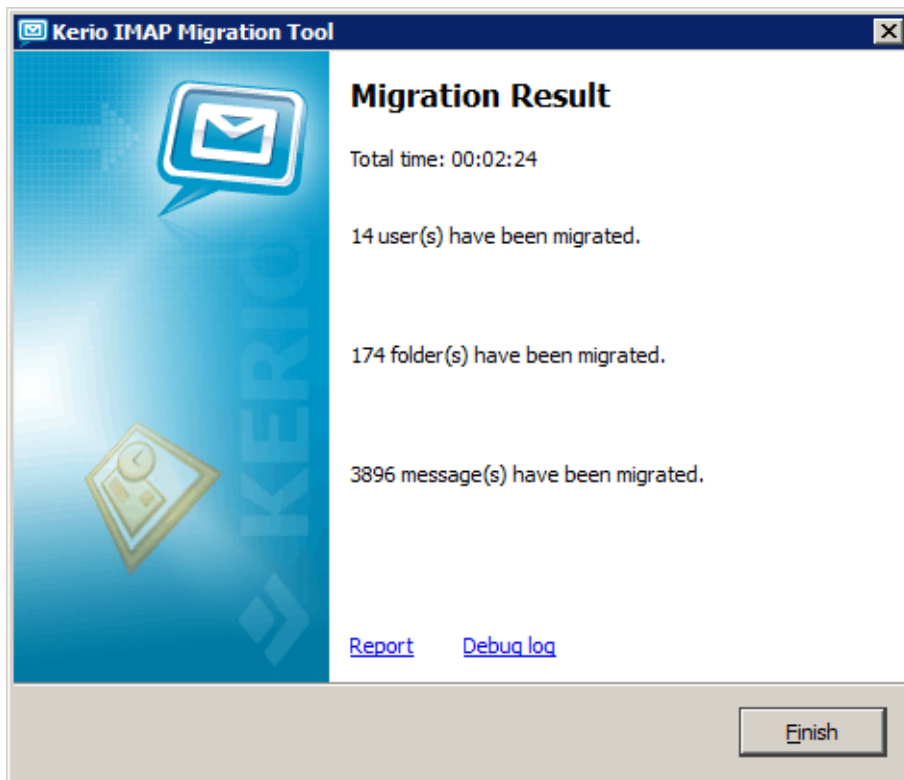


Figure 5 Migration result dialog

Once a migration is completed successfully, it is recommended to create new accounts in users' email clients (or profiles, if supported by the applications). This will help you avoid data inconsistency on the client sides. For information on how to set a profile for example in *MS Outlook* or a new account in *MS Entourage*, refer to [Kerio Connect 7, User's Guide](#).

5 Migration process logs

Kerio IMAP Migration Tool generates various logs addressing the migration process.

On *MS Windows*, they are stored in:

```
%TEMP%\KimtLogs\MMDDYYYY_HHMMSS
```

On *Windows Vista*, the path to the stored logs can follow for example this pattern:

```
C:\Users\wsmith\AppData\Local\Temp\KimtLogs\02182009_154844
```

On *Linux*, the data can be found under:

```
~/KimtLogs/MMDDYYYY_HHMMSS
```

for example:

```
/home/wsmith/KimtLogs/02182009_154844
```

On *Mac OS X*, the data is stored in:

```
~/Library/Logs/KimtLogs/MMDDYYYY_HHMMSS
```

for example:

```
/Users/wsmith/Library/Logs/KimtLogs/02182009_154844
```

Each start of the migration tool generates a new log.

For case of solving any migration issues in cooperation with the *Kerio Technologies* technical support, it is recommended to send them both logs along with your problem description.

The Report log

The *Report* log is located in the logs directory, in the `report.txt` file. After completion of each migration, it is recommended to read through this file to make sure that no errors occurred and that all user accounts have been migrated correctly.

Debug Log

The *Debug* log is located in the logs directory, in the `debug.log` file. Information provided in this log is useful especially for the software developers. Should any issue arise addressing migration to Kerio Connect, this log will help choose the right remedy in cooperation with *Kerio Technologies* technical support.