

File: .\doc\ext\eP-Migration.pdf

How to migrate eProof installation from one server to another

1. Introduction

This document specifies migration procedure for cyan eProof with preserving existing data.

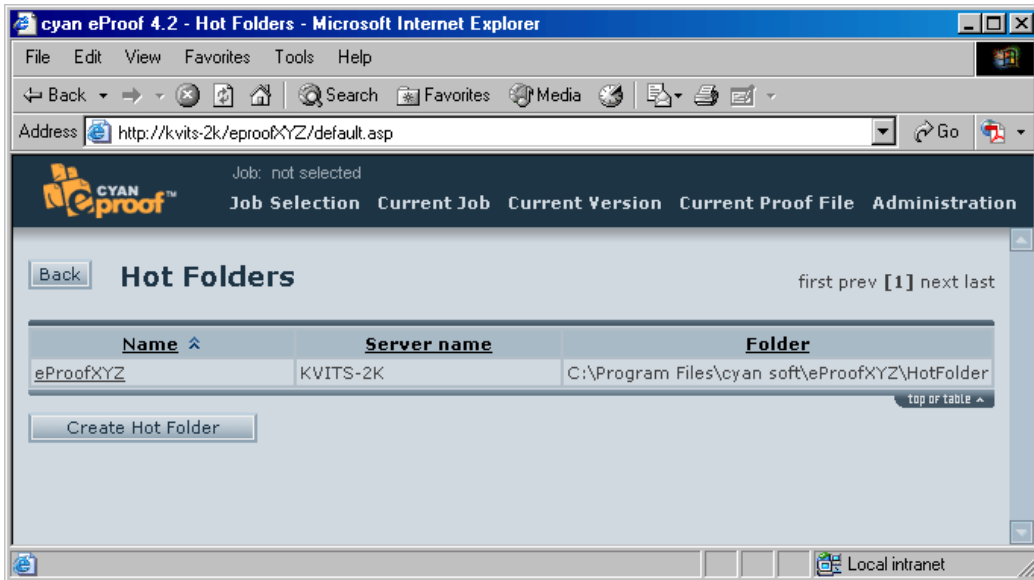
2. Backup

You need to backup certain parts of eProof before you uninstall it. After eProof uninstalling all data will be erased.

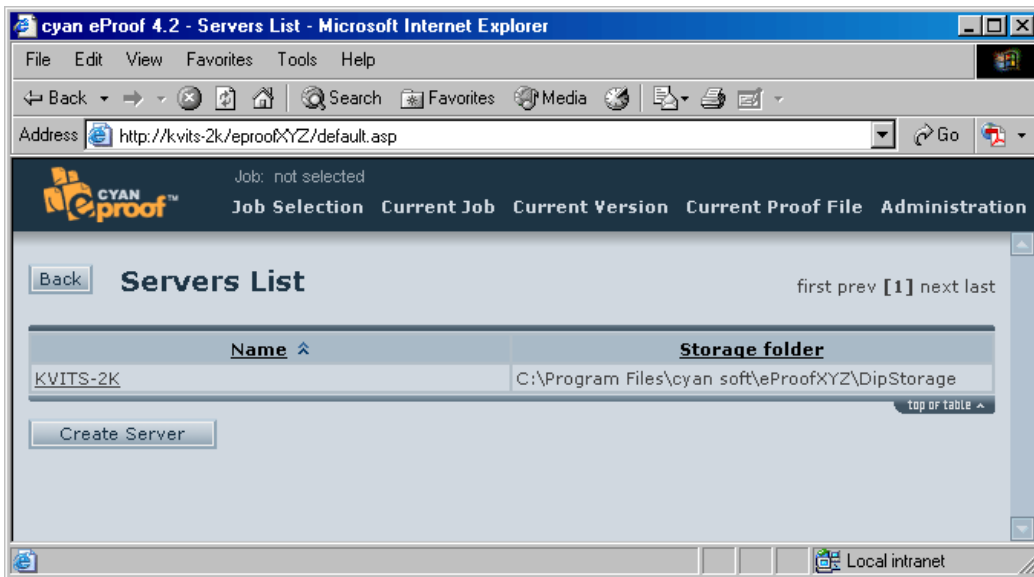
2.1. Save configuration details

Before you shut down old instance of eProof, you have to save some information. You will need it, when configuring new installation.

Login to eProof as administrator and choose 'Hot Folders' in menu 'Administration'. Click on each hot folder by turn and write down its logical name and type (in/out or in-place) – you will have to configure hot folders with same names and settings in new installation.



Choose 'Servers' in menu 'Administration' and write down path to storage folder of first (default) server (for example **C:\Program Files\cyan soft\eProofXYZ\DipStorage**). This folder stores eProof image data and can be of significant size, so copying it directly to new server saves your time.



2.2. Shut down eProof

Before you start backup procedures, make sure nobody uses this eProof instance. Best way to do this is to stop 'World Wide Web Publishing Service' (using Microsoft Managing Console Services) or eProof web site (using Microsoft Managing Console Internet Information Services).

2.3. Database backup

eProof database name is the same as eProof instance name, so if your eProof is named **eProofXYZ**, database to backup will be named **eProofXYZ** as well.

Backup eProof database using command line SQL utility. Example of such command is:

```
osql -E -Q "BACKUP DATABASE eProofXYZ TO DISK = 'C:\eProofXYZ.bak'"
```

Command line utility **osql** is used to execute SQL command '**BACKUP DATABASE**' using current Window's login for authentication.

You can also backup eProof database using SQL Server Enterprise Manager GUI. Please refer to SQL Server Documentation for details.

2.4. Other eProof folders to backup

There are another two folders to back up:

```
%eProof installation dir%\ColorProfiles
```

and

```
%eProof installation dir%\Site\thumbnails.
```

For example:

```
C:\Program Files\cyan soft\eProofXYZ\ColorProfiles
```

and

```
C:\Program Files\cyan soft\eProofXYZ\Site\thumbnails.
```

3. Prepare installation on new server

3.1. Installation

Install the same or newer eProof version on new server as usual. If you are migrating to newer version, you will additionally need the upgrade script for you DB – please check with cyan eProof technical support for such possibility. During installation you may want to preserve eProof instance name and installation folder, though not necessary.

3.2. Configuring new installation

After installation of new eProof instance, you have to configure same set of hot folders as on old server. Specify name and type for each hot folder, matching configuration of old server. Note, that you can choose paths for hot folder input and output different from paths on old server. For example, you have had 2 hot folders in old eProof:

Name	Folder
eProofXYZ	C:\Program Files\cyan soft\eProofXYZ\HotFolder
HF	C:\HF

And you set up new eProof with label **XYZNew** on drive **D:**. Just after installation you have one default hot folder in new eProof:

Name	Folder
eProofXYZNew	D:\Program Files\cyan soft\eProofXYZNew\HotFolder

Rename this default hot folder (**eProofXYZNew**) to **eProofXYZ** (to match old server) and create another one with name **HF**. You need to configure 'Input folder' and 'Move to folder' paths for each hot folder and may choose location for these folders on new server different from those on old one. You also need to configure hot folder type (in/out or in-place). All other settings will be imported from old installation.

Go to 'Administration\Servers' configuration page and write down storage folder of local (default) server. In newly created installation its location is **%eProof installation dir%\DipStorage** (e.g. **D:\Program Files\cyan soft\eProofXYZNew\DipStorage**). You will need this path to restore your image data from old server to new one. Additional servers (if any) will be imported from old installation.

4. Create migration script

You need to create migration script for new installation. To do this, login to new eProof as administrator, open 'Settings' in 'Administration' menu and click on 'Create Migration Script' button. 'Create Migration Script' page will open.

There is a check box on this page, named 'Update original file paths for the files uploaded via HotFolder(s)'. It is checked by default. This option specifies whether migration script should correct original paths for previously uploaded files to new location. This option is important only if you are using eProof in integration modes (IHF or RIV-in-Frame). In these modes file can be accessed by specifying its full path. If paths of previously uploaded files are stored elsewhere (in 3rd party database) for accessing the files in eProof, you should unselect this option, in order not to break existing links. Different case is when file names relative to hot folder root are stored and hot folder path is appended each time to access file in eProof. Then you need to correct hot folder path in your workflow system and migrate previously uploaded files to new location. In this case, leave option checked.

Click on 'Generate script and download' button and specify where to store migration script.

5. Restore data

5.1. Shut down new eProof instance

For doing this stop 'World Wide Web Publishing Service' (using Microsoft Managing Console Services).

5.2. Restore database

You have to restore the backup of eProof database from old server over database of new installation. For restoring a backup of one database over another, you will have to provide paths for DB files. If you have installed new eProof to **D:\Program Files\cyan soft\eProofXYZNew**, DB files will be located in **D:\Program Files\cyan soft\eProofXYZNew\DB**, and always named **zproof_data.mdf** and **zproof_log.ldf**. For example:

```
osql -E -Q "RESTORE DATABASE eProofXYZNew FROM DISK = 'C:\eProofXYZ.bak' WITH REPLACE, MOVE 'zproof_data' TO 'D:\Program Files\cyan soft\eProofXYZNew\DB\zproof_data.mdf', MOVE 'zproof_log' TO 'D:\Program Files\cyan soft\eProofXYZNew\DB\ zproof_log.ldf'"
```

Backup of database **eProofXYZ** is restored over database **eProofXYZNew** using current Window's login for authentication. You can also do this using SQL Server Enterprise Manager. Please refer to SQL Server Documentation for details.

5.3. Restore image data

It is time to copy server storage folder from backup or old installation. Use information about paths to old and new storage folders recorded you have recorded. Before copying, remove contents of new server storage folder, because it may be not empty, if you chose to create demo job during installation.

5.3. Restore other eProof folders

Copy contents of

```
%eProof installation dir%\ColorProfiles
```

and

```
%eProof installation dir%\Site\thumbnails
```

folders from old installation to corresponding folders of new installation. Empty destination folders before start copying.

5.4. Run upgrade script (optional)

Run upgrade script, if you are migrating to newer version and received upgrade script from cyan eProof technical support.

Use following command to run upgrade script on the **eProofXYZNew** eProof instance:

```
osql -E -d eProofXYZNew -i "C:\upgrade_vXXX_vYYY.sql"
```

5.5. Run migration script

Use following command to run migration script on the **eProofXYZNew** eProof instance:

```
osql -E -d eProofXYZNew -i "C:\migrate.sql"
```

5.6. Restart the WEB server

It's necessary to reinitialize eProof server components on new location (server). Run from command line:

```
iisreset
```

or simply restart the server.