

## eSync - Migrate an old eSync server to v.1.5

Before upgrading eSync to eSync 1.5, it is strongly recommended to backup the application:

### 1. Backup the eSync DB

Open a cmd prompt and cd to the eSync directory (Run As admin). This is most likely one of those directories:

- c:\eSync
- c:\Program Files\eSync
- c:\Program Files (x86)\eSync

Create the backup:

```
> MySQL\bin\mysqldump -u root -p --add-drop-database -B eSync > c:\eSyncBackup.sql  
(You can find the default password in the eSync manual)
```

### - Warning -

*Make sure the eSyncBackup.sql file is not stored in the eSync directory because it would be lost in the uninstall step.*

### 2. Backup the whole application

Stop the eSync Windows services: In a cmd prompt, type

- > net stop eSyncApache
- > net stop eSyncMySQL
- > net stop eSyncOpenVpnLauncher
- > net stop eSyncFilesCatcher

Make a backup (zip) of the whole eSync directory

### 3. Uninstall eSync

From the Control Panel, Add/Remove Applications, locate eSync and uninstall it. Make sure that the eSync directory (see above) is deleted. If not, delete it manually. In the Control Panel/Administrative Tools/Services applet, check that the eSync services were deleted (cf. list above).

### 4. Install eSync 1.5

Execute the eSync 1.5 setup

### 5. Restore your DB

In a cmd prompt, restore the backup

- > cd \eSync (or whatever directory where you installed eSync)
- > MySQL\bin\mysql.exe -u root -p --execute "source c:\eSyncBackup.sql"

**- Note-**

*Since we are running a new install of the DB, the password is restored to the default: eSyncPwd. You may want to modify it*

Check upgrade to this version of MySQL

```
> MySQL\bin\mysql_upgrade.exe -u root -p
```

Upgrade the DB schema to 1.5

```
> MySQL\bin\mysql.exe -u root -p --execute "source MySQL\UpgradeEsync_15.sql" --force
```

## 6. Restore VPN config.

**- Note -**

*This step must be performed ONLY if your eWONs use OpenVPN connections to eSync.*

Restore the certificates:

From your backup of the eSync 1.0 app, retrieve those files and copy them in the same location of the eSync 1.5 application:

- OpenVPN\config\ca.crt
- OpenVPN\config\ca.key
- OpenVPN\config\crl.pem
- OpenVPN\config\dh.pem
- OpenVPN\config\eSync.ovpn
- OpenVPN\config\server.crt
- OpenVPN\config\server.key
- OpenVPN\Certificates\keys\\*.\*

### **Enable the support for OpenVPN:**

- Create the (empty) file Website\esyncvpn.probe
- - Install the TAP network interface and generate the OpenVPN security file, in an Command Prompt (with admin privileges):
  - > \esync\openvpn\drivers\x64\install.bat
  - > \esync\openvpn\config\create\_dhpem.bat
- Start the eSync OpenVPN Windows service:
  - > net start eSyncOpenVpnLauncher
- Re-run the basic config webpage to fill in VPN settings:
  - > http://<esyncserver>/initialsetup.php



**7. eSync 1.5 is now up and running. Check your application**

In the Control Panel/Administrative Tools/Services applet, check that the eSync services are started:

- eSyncApache
- eSyncMySQL
- eSyncFilesCatcher
- and (if you use the VPN connections) eSyncOpenVpnLauncher.

Browse the eSync website (<http://localhost>) and check that all configs are correctly displayed.

Force a DMSync operation from an eWON and check that the data is correctly received and stored in the DB.



## Revision

### Revision History

Revision Level	Date	Description
1.0	16/09/2014	Creation of document

#### Document build number: 2

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