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"
   ```
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 Information

Revision

Revision History

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<th>Revision Level</th>
<th>Date</th>
<th>Description</th>
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<td>1.0</td>
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