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Quick Start Guide

GALsync 2.5

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If you experience any errors or if you have any questions, feel free to contact us directly:
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Chapter 1: Documents

▶ **Read GALsync Manual if you want to know**

- How can I configure GALsync in detail?
- What system requirements does GALsync need?
- Which internal rules does GALsync use for synchronizing?
- May I get some best-practices tips?

▶ **Read GALsync Quick Start if you want to know**

- May I see some screenshots for understanding GALsync?
- How can I quickly test GALsync following some pre-configured settings?
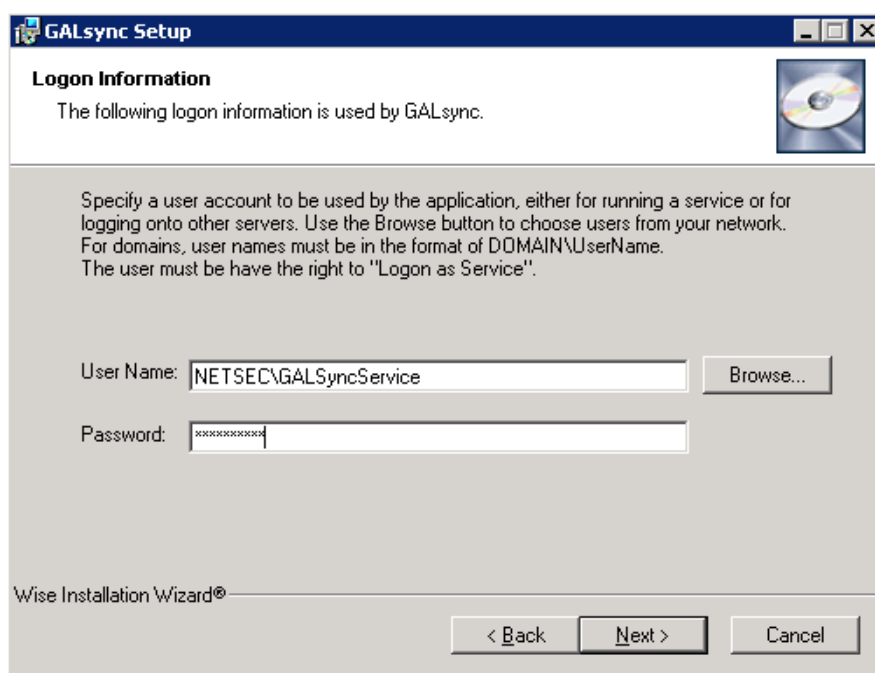- How can I configure synchronization without reading the manual?

▶ **Read GALsync Concept if you want to know**

- May I get some management summary for my bosses?
- What is the idea behind this software?
- What is the value for my company, my users and my it-staff?

Chapter 2: Installation

▶ **Step 1**

1. Log in to your server with administrative permissions (i.e. *administrator*)

2. Create an user account (domain user) which will serve as Service Account (i.e. *GALsyncService*)

3. Run *your* **installation package** (*GALsync.msi*). This will **install and register** all the **components** necessary to run GALsync on your server or workstation.

4. During *Setup* choose the administrative account which should run the service.
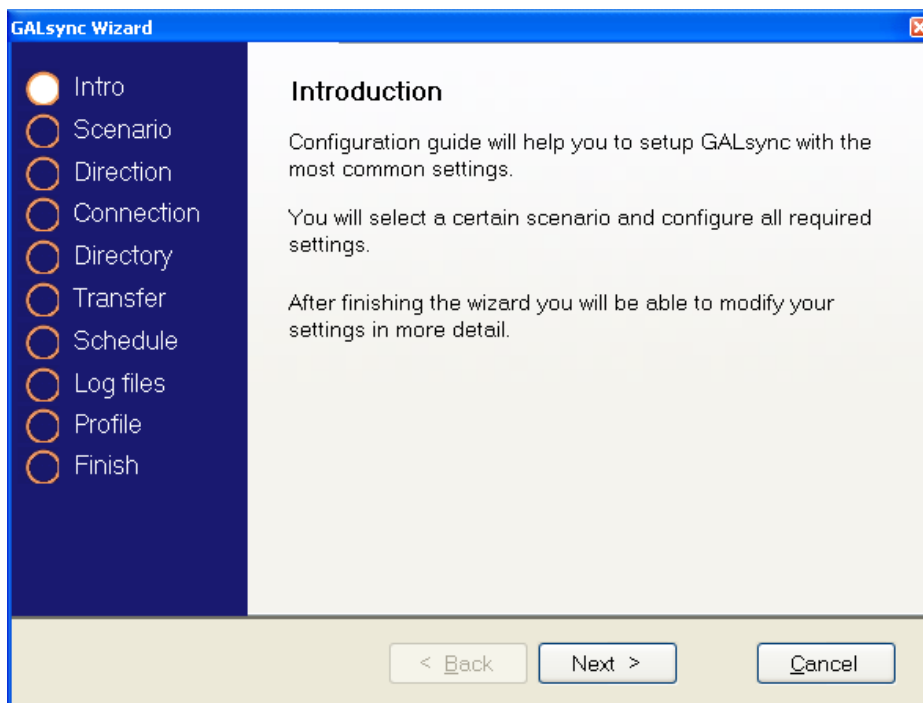

Note: If you want to know what happens in detail during setup or how to remove GALsync manually from a machine, see GALsync Manual

5. After finishing setup, the configuration wizard is started.

Chapter 3: Quick Configuration
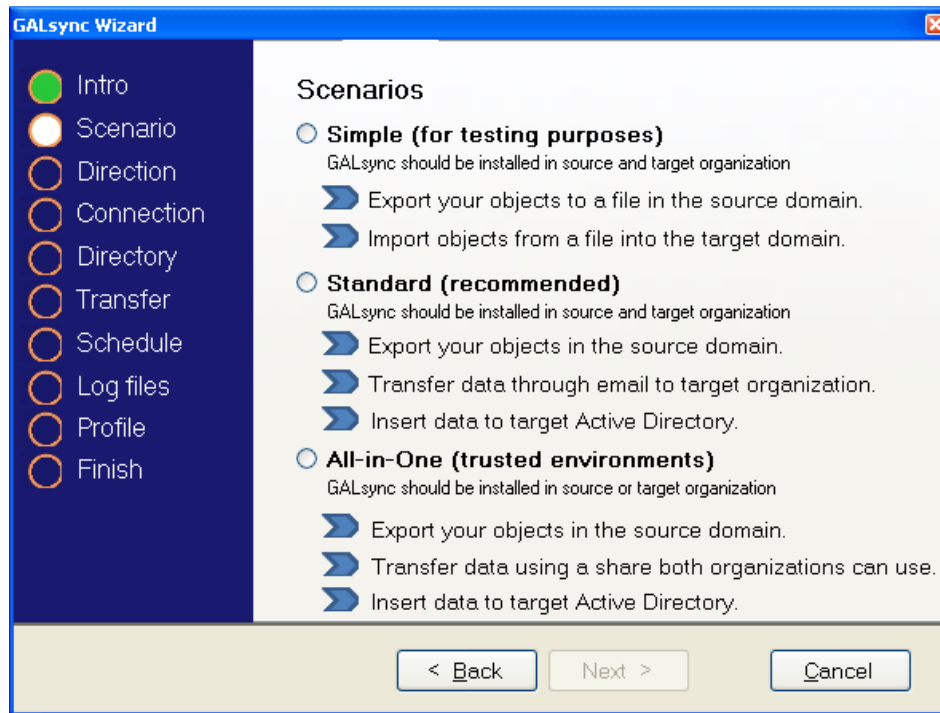
▶ **Step 2: a quick export**

The wizard will guide you through the steps of basic configuration.
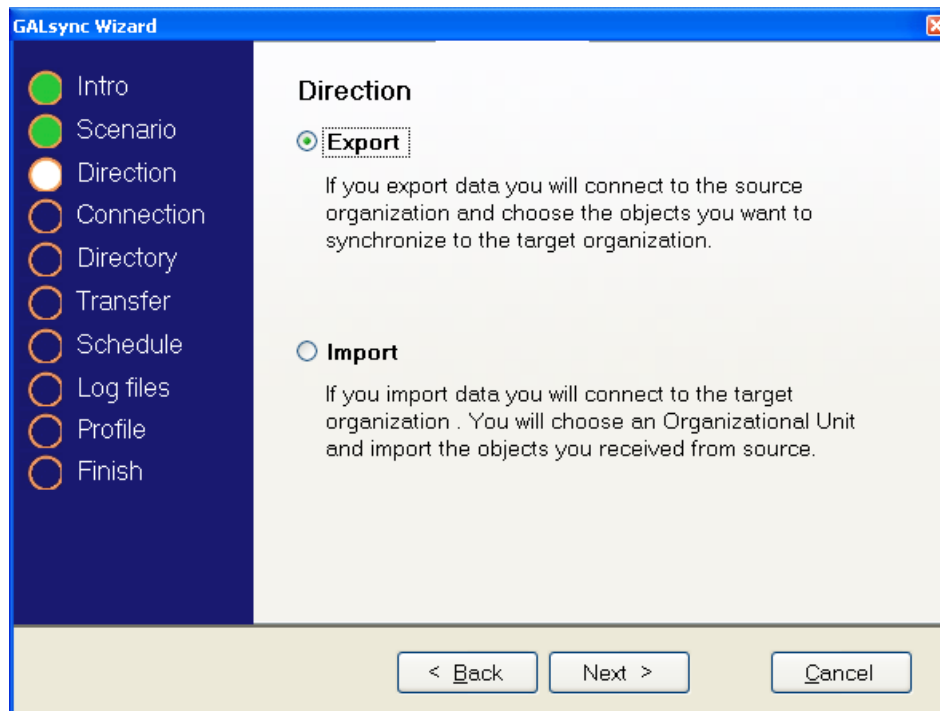

1. Select SIMPLE
   After Introduction you will decide which scenario of synchronization you want to implement. Choose *Simple* as recommended for first and simple implementations. This will store your data in a local folder, which you can hand over to the target organization manually.

   Note: If you want to transfer data using FTP, see *GALsync Manual*. If you want to transfer data using SMTP or a common Windows Share, see later in this guide.

2. Select Export
   Because you installed GALsync on a computer in the source organization you will configure at first an export profile.
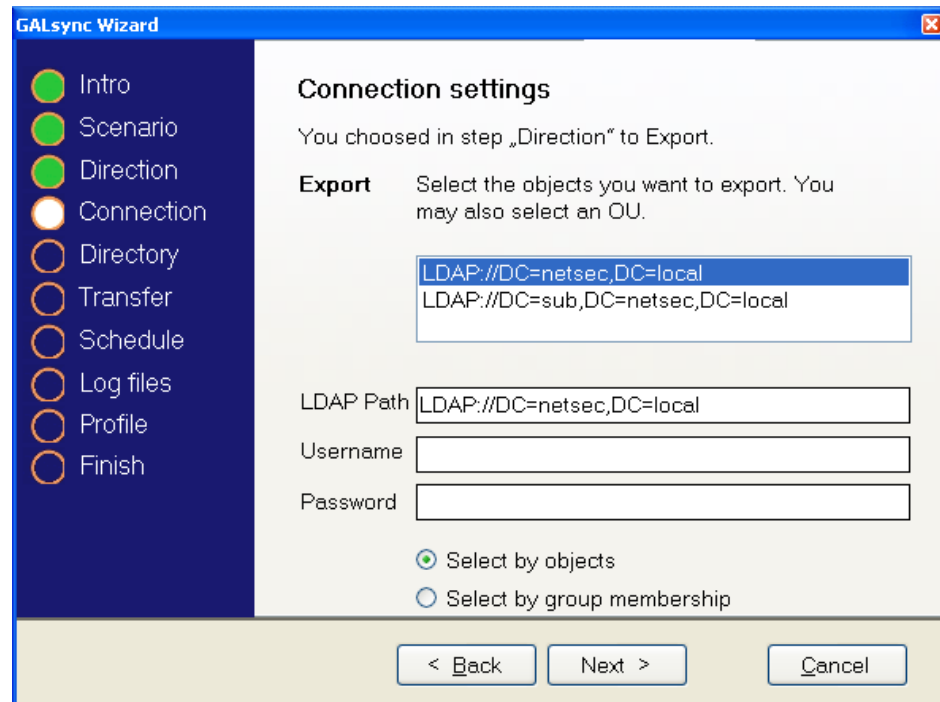
3. Select your domain

By default you will get a list of all the domains in your forest. Select the domain in the list and it will be inserted in *LDAP Path*-field.

Leaving Username and Password blank will use the GALsync Service Account to connect to the domain. Recommended is to insert both fields with appropriate account information. This account requires only READ-permissions to your Active Directory.

You may decide to select the objects to export by choosing the option *Select by group membership*. This option will export all members included in this group. By default the option *Select by objects* is selected, which requires a selection of every object or OU you want to export.

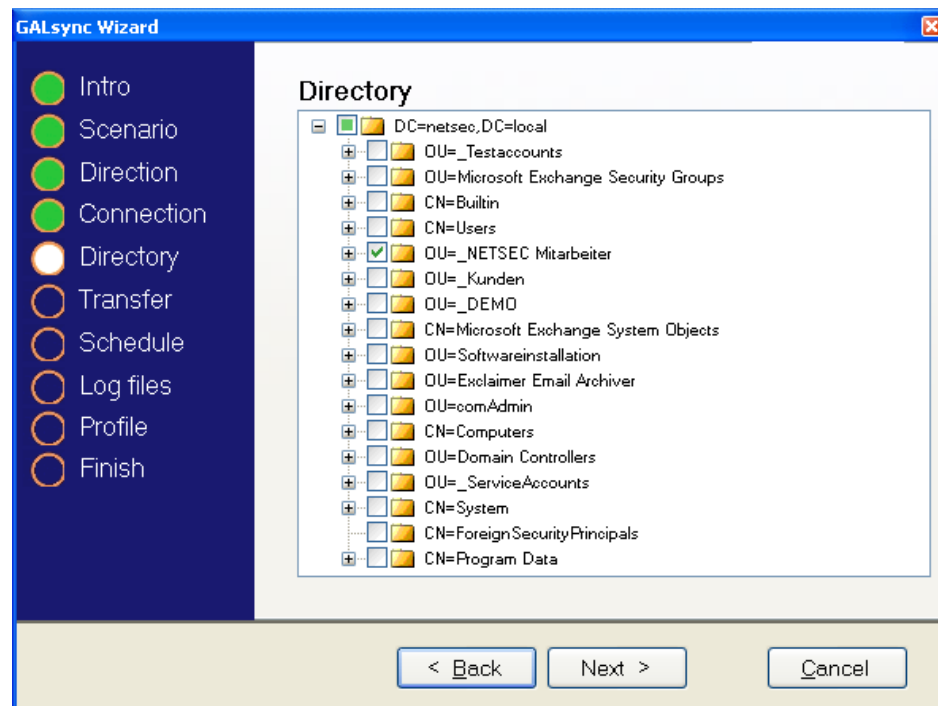**Note**: If you want to add more than one domain you may configure this after finishing this wizard.

4. Select individual objects or Organizational Units

After you clicked NEXT it may take a while until the program loads the directory tree with all objects. Now you can select the individual objects or the OU you want to export.

Note: If you want to know the rules GALsync follows if you modify, add, delete or move objects see *GALsync Manual*.
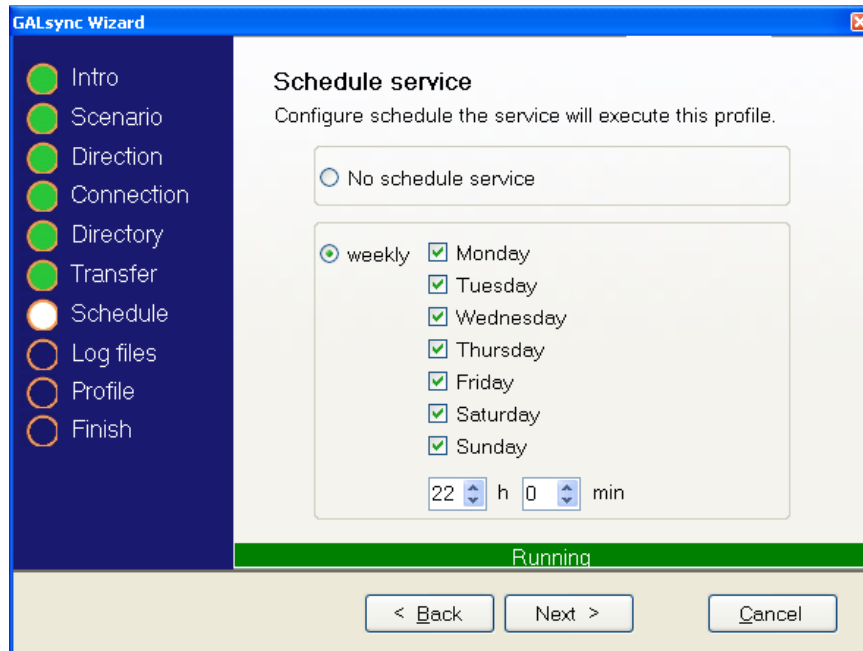
By default all object's attributes are exported. If you want to know how to exclude attributes see *GALsync Manual* for more details.

5. Select *No Schedule Service*

Configure the scheduled execution of the export. If you choose *manual*, no automatic export is performed.

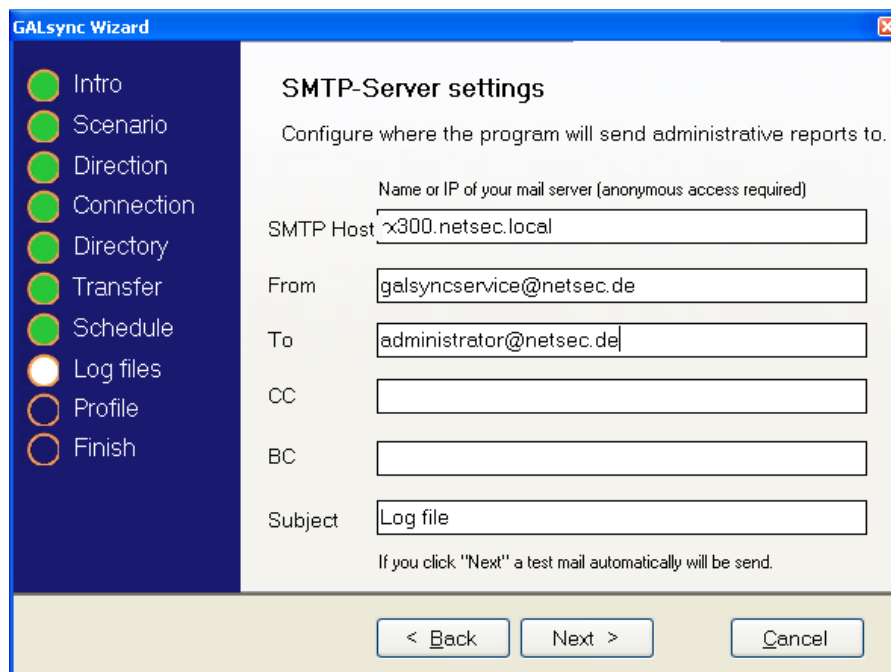Note: in the lower line you see if service is in running state or not.

6. Configure administrative notification

   Insert all information required to receive an administrative
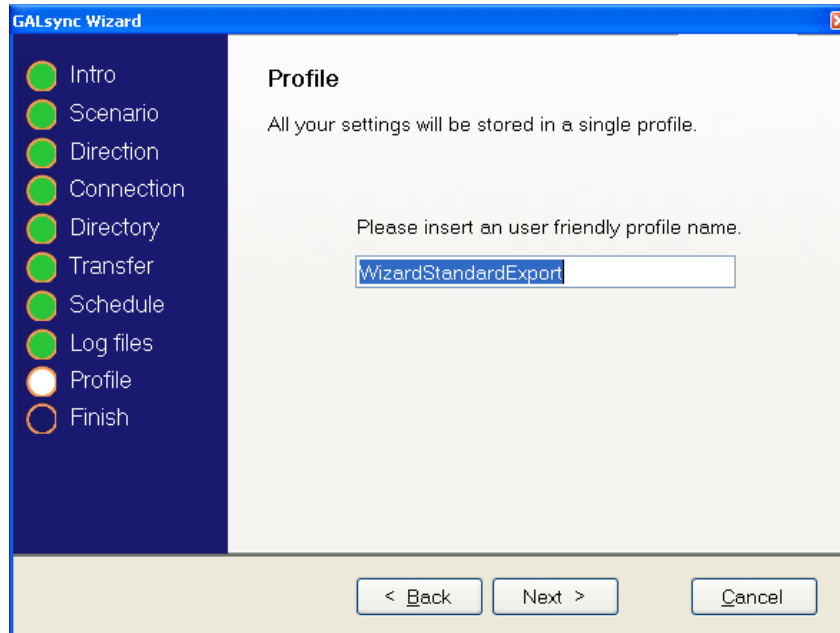   notification with error reports.
   SMTP-Host is the hostname or IP of your internal mail server.
   From declares from whom the notification should appear to be
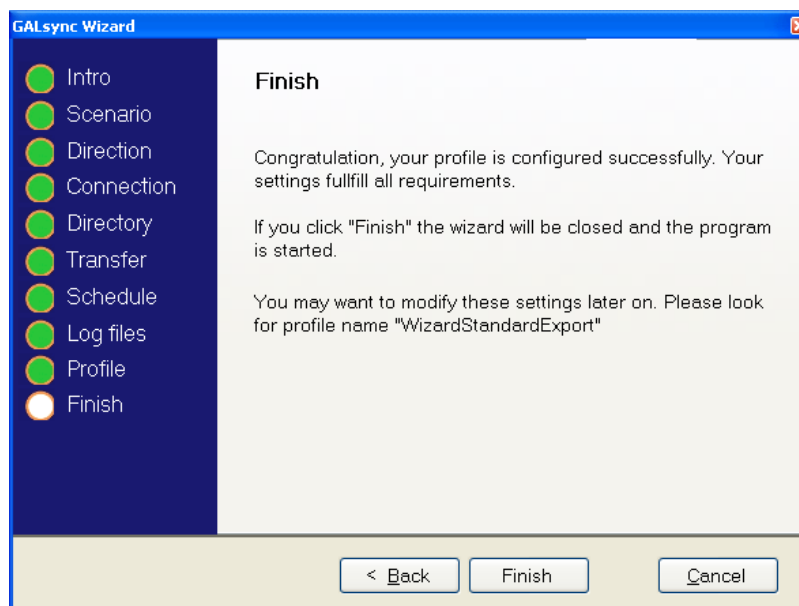   from. *To* declares the recipient (i.e. administrator).

7. Select the default profile name

   You may want to give a user friendly name for this profile which stored all the settings you have made. If you do not insert a custom name the default will be taken.

8. Select Finish

   Finishing the wizard will store all settings made and start the Control Panel where you may review or modify your settings.

If Control Panel starts, click CLOSE.

9. Summary

Your settings will be saved in file
GALsync\Profile\WizardSimpleExport.xml.
At the configured time the selected objects of your domains(s)
will be exported to file
GALsync\Export\WizardSimpleExportData.xml.

Congratulation! You configured a quite simple export of
directory data to a local file. This may be a first introduction to
GALsync.

If you want to import data, you have received by another
organization you may follow the next steps.

▶ **Step 3: a quick import**

1. Install GALsync in target

Install GALsync on a server in your target domain.

2. Repeat section 1 – 6 as described in STEP 1.

3. Select Import
Because you installed GALsync on a computer in the target
organization you will configure at first an import profile to
receive the data.

4. Select an Organizational Unit
Select an Organizational Unit you want the data to be stored in.
You may also select an OU and create a new sub OU as import
folder.

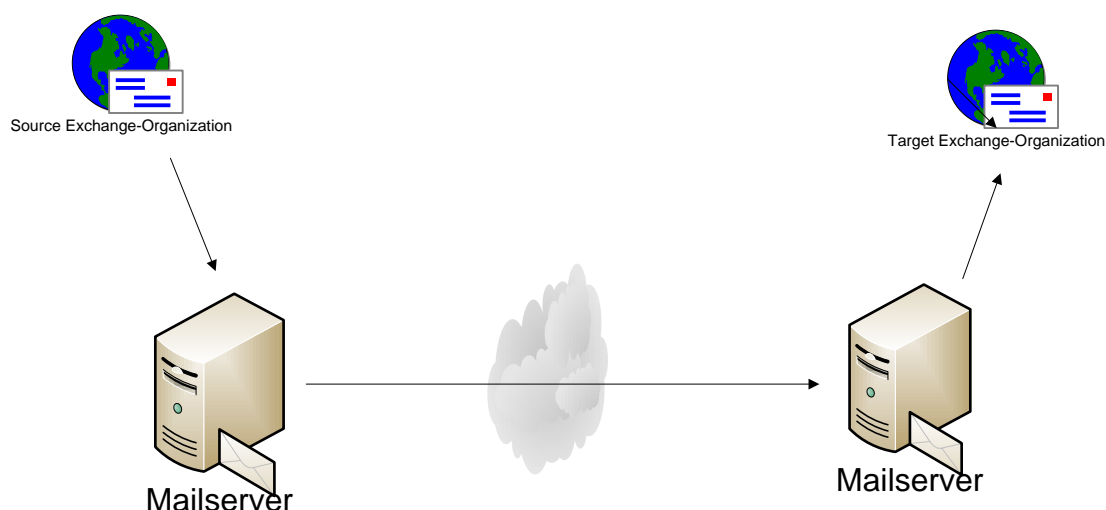5. Repeat section 10 – 13 as described in STEP 2.

6. Summary

Your settings will be saved in file
GALsync\Profile\WizardSimpleImport.xml.
At the configured time the content of the local file
GALsync\import\WizardSimpleImportData.xml will be imported
to your Active directory.

Chapter 4: Using SMTP as Transfer method

Source Exchange-Organization

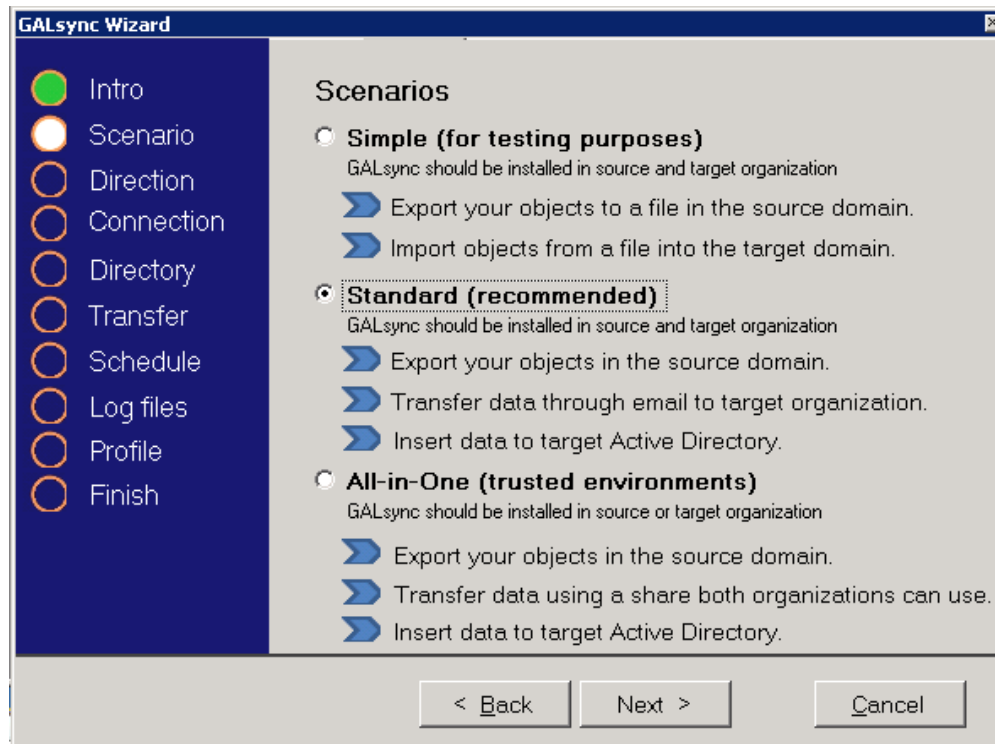Target Exchange-Organization

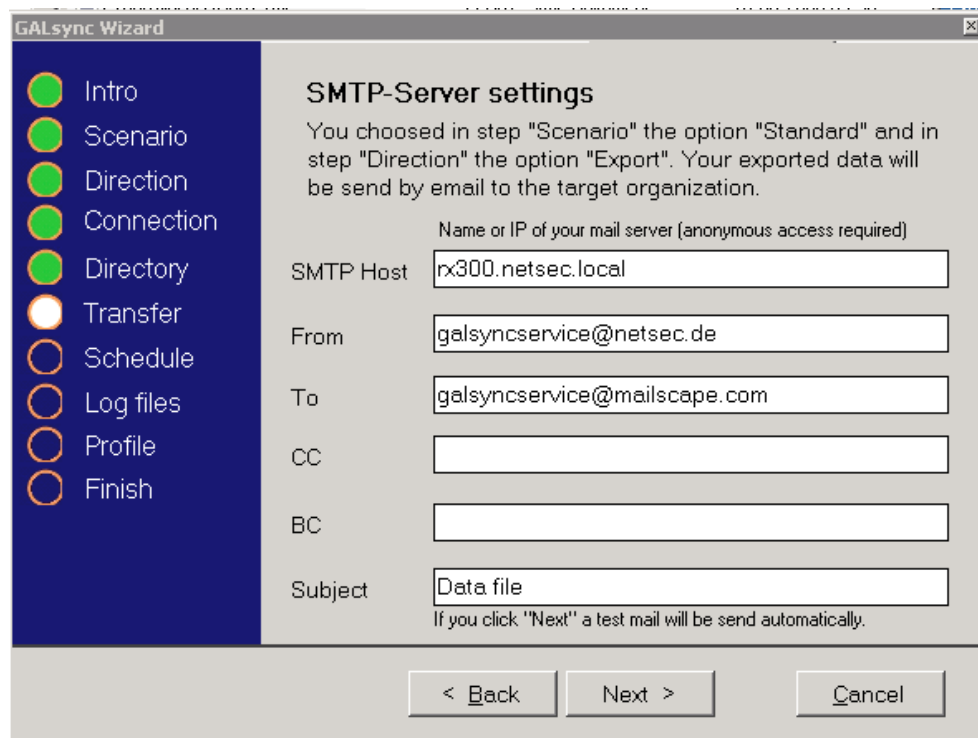Mailserver

Mailserver

▶ **Step 1: Export**

If you want to export data and send the data file as email message to your target organization this is required:

- A mailbox in the source (i.e. have the service account mailbox-enabled

- Your mail server in source must be configured to accept emails from the GALsync program (note: it's not an authenticated Outlook client!) and to relay to your target organization.

- The target mail server must accept mails from your organization and a mailbox in the target you send the data file to.

- In the target messaging organization there must be a WEBDAV enabled exchange server (Exchange 2000/2003: OWA enabled, Exchange 2007: Mailbox Server Role). This functionality is required to extract the data file from the received message.

- If you validated the message flow between your organizations, you may configure the recommended GALsync scenario using the configuration wizard

1. Select option *Standard (recommended)*

2. After clicking *Next* and selecting *Export*, choose the domain and objects you want to export.

3. In step Transfer of the wizard you now define the settings which mail server you use, who is sender and recipient for the data file transfer.

4. Follow all other steps as described in the simple scenario.

5. Summary

   Your settings will be saved in file
   GALsync\Profile\WizardStandardExport.xml.
   At the configured time the selected objects of your domains(s)
   will be exported to the local file
   GALsync\Export\WizardStandardExportData.xml. Then the file
   will be send as attachment to the configured mailbox in the
   target organization.

   If you want to import data, you have received by another
   organization you may follow the next steps.

▶   **Step 2: Import**

If you want to configure the import at target site, follow these
procedures

1. In wizard's step *Direction* select *Import.*

2. Choose domain and the OU you want to import to.

3. Fill in all required information where to download the message from.

4. If you click Next GALsync validates the information.

5. Follow the next steps as described above.

6. Summary

Your settings will be saved in file *GALsync\Profile\WizardStandardImport.xml*. At the configured time the message attachment will be extracted from the mailbox and saved to the local file *GALsync\import\WizardStandardImportData.xml.* Then GALsync imports the content of the data file to Active Directory.

If you want to make modifications or more detailed settings to your profiles, see GALsync manual.

Chapter 5: Using GALsync in a trusted environment

Source Exchange-Organization
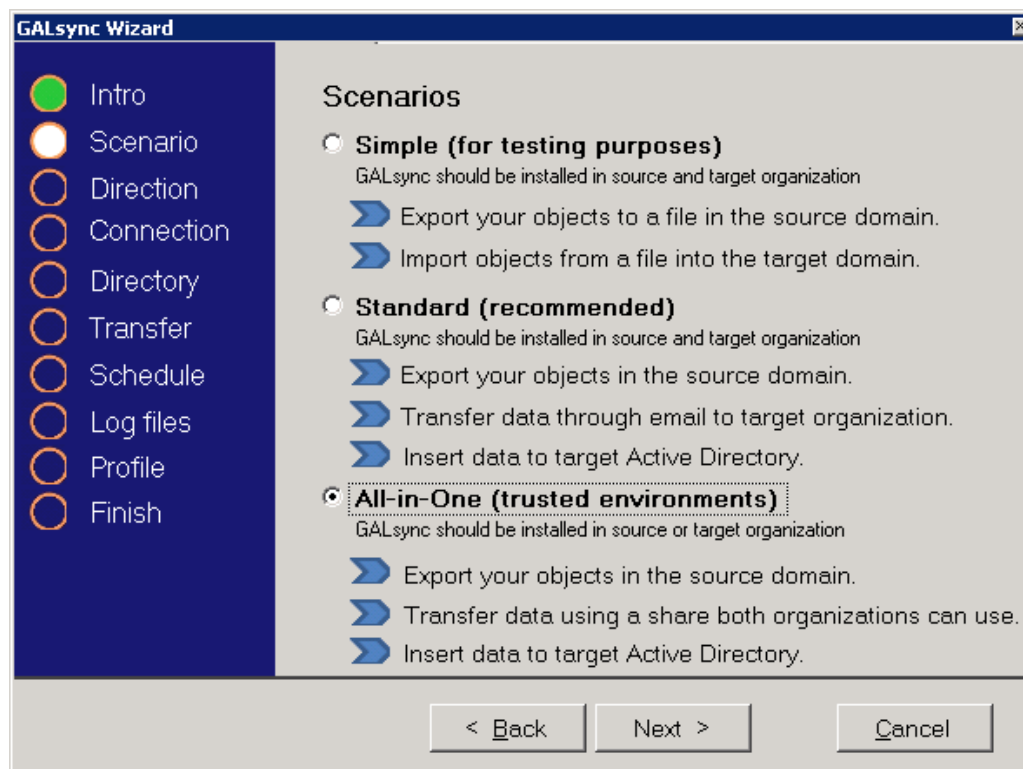
Windows Share

Target Exchange-Organization

If you want to export data and store the data file in a common used file share this is required:

- A file share on a fileserver which is accessible for both domains.

- A user account of the source domain and a user account of the target domain with permissions to access the file share. You may take the service accounts to have these permissions.

▶ **Step 1: Export**

1. In wizard SELECT option All-in-One (trusted environments)

2. After clicking *Next* and selecting *Export*, choose the domain and objects you want to export.

3. In step Transfer of the wizard you now define the settings which share you use and what the name of the data file will be.

4. If you click Next GALsync validates the information.

5. Follow the next steps as described above.

6. Summary

   Your settings will be saved in file
   GALsync\Profile\WizardAllinOneExport.xml.
   At the configured time the selected objects of your domains(s) will be exported to the local file
   GALsync\export\WizardAllinOneExportData.xml. Then the file will be saved in the share using the configured file name.

   If you want to import data, you have received by another organization you may follow the next steps.

▶ **Step 2: Import**

If you want to configure the import at target site, follow these procedures

1. In wizard's step *Direction* select *Import.*

2. Choose domain and the OU you want to import to.

3. Fill in all required information how to access the file share.

4. If you click Next GALsync validates the information.

5. Follow the next steps as described above.

6. Summary

   Your settings will be saved in file
   GALsync\Profile\WizardAllinOneImport.xml.
   At the configured time the file will be downloaded from the
   share and saved to the local file
   GALsync\import\WizardAllinOneImportData.xml. Then GALsync
   imports the content of the data file to Active Directory.

If you want to make modifications or more detailed settings to your profiles, see GALsync manual.