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## Migrating from GroupWise to Zimbra Collaboration Suite

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The Zimbra™ Collaboration Suite Migration Wizard for GroupWise® is used to migrate email accounts from the GroupWise system to the Zimbra Collaboration Suite server and to import the email, calendar, and address book information for the selected GroupWise users. The import process replicates the user's GroupWise folder hierarchy, importing email messages, calendars, and contacts from the GroupWise server. Any categories are converted to tags in Zimbra Collaboration Suite.

Accounts from GroupWise version 6.5 and later can be migrated.

During the migration, the wizard performs the following tasks:

- Creates the user account on the Zimbra server, if it does not already exist
- Imports email messages, attachments, calendars, and contacts
- Creates a log file for troubleshooting any import errors or warnings

**Note:** Only email messages, calendars, and contacts are imported from the GroupWise server. Other GroupWise types, such as Global Address List (GAL), contact groups, to-do list, documents, and rules and alerts are not imported. Rich text in email messages is converted to plain text.

### GroupWise Requirements

The Zimbra Migration Wizard utilizes the Novell Client and GroupWise Client libraries and must be run from a Microsoft Windows® computer that has the Novell Client and GroupWise Client 6.5 or later installed.

You must be logged in as an administrator in the Novell Client.

The gwtapp.dll must be in either the current working directory or in the System32 directory.

### Planning the Migration from GroupWise to Zimbra

Before you attempt to migrate from the GroupWise server, create a communication plan to notify users about the new Zimbra email program and to provide users with the new email access information (Zimbra URL, login name, and password to use).

Zimbra recommends that you plan to perform the migration during off-peak use times. The GroupWise server does not need to be stopped in order to migrate accounts. Any emails that are sent to or delivered from GroupWise after the account is migrated are not saved in the Zimbra mailbox.

The migration wizard asks you questions in a series of dialog boxes about how to set up the new accounts. Before you start, you should determine:

- Which domain users' accounts will migrate to.
- How you want to migrate accounts. Do you want to select individual accounts or select groups of accounts to import?

### Considerations for retaining domain name when migrating

If your users use the Calendar application, and you are not migrating all users to ZCS at the same time, configure ZCS with the same domain name as used on the GroupWise server. When ZCS is configured with the same domain name, a user's existing email address will be retained when the account migrates to ZCS.

Meeting requests and appointments contain recipient information in the form of email addresses. After migration, if the organizer of an appointment updates an existing appointment or if recipients reply to an invitation, the email address of the original message receives the notification. If the email address has been changed, the notification is not received. Go to the User Migration section of the Zimbra wiki for more information about retaining the email address.

### Migration options to configure

After the accounts are created on the Zimbra server, the email messages, calendar entries, and contact information are imported. You configure the following rules for accounts being imported:

- Import the content of *Junk-Mail* folders, yes/no
- Import the content of the *Deleted Items* folder, yes/no
- Import email messages received after <what date>

By default, messages larger than 10 MB will not be imported. The message size includes the message and attachments. If the message is larger than 10 MB, a warning is logged to the Migration Wizard log file. The warning information can be reviewed from the **Import Complete** dialog when the migration is complete.

**Note:** You can modify the following registry key to change the default limit, "HKCU\Software\ZCSMigWizMaxAttachSizeMB." The registry key should be specified in megabytes (MB). A value of 0 means no limit to the size of the message with attachments. **Note:** If the registry key does not exist, it will need to be manually created.

The import process contains a few assumptions regarding naming:

- Imports are by a single domain. For example, you might import users from **marketing.domain.com** on your GroupWise server to **marketing.zimbra.domain.com** on your Zimbra server.
- The uid LDAP attribute of the GroupWise user becomes the first portion of the email address on the Zimbra server. To continue the above example, a user whose LDAP “uid” attribute is “joe” would become joe@marketing.zimbra.domain.com on your Zimbra server.

## Using the Zimbra Migration Wizard

Even though the migration wizard can be run from start to finish without stopping, Zimbra recommends that after the accounts are migrated, you stop. Before proceeding, change the mail relay information to point to the Zimbra server instead of the GroupWise server. This will prevent any lost mail while the files are being imported.

**Note:** After the files have been imported to the Zimbra server, you should verify that the import was successful before deleting the GroupWise accounts.

### How to Migrate Accounts and Import Email

The Zimbra Migration Wizard can be downloaded from the Zimbra Download page on the Zimbra administration console.

1. From the Zimbra Administration Download page click the **Migration Wizard for GroupWise** icon to download the migration wizard executable to your computer.
2. Click the migration wizard executable. The **Welcome** dialog appears. Click **Next** to continue.



3. The **Import Destination** dialog is displayed.

**Import Destination**  
Enter the information required to connect and authenticate to the server.

Enter the hostname and port of the admin service on the Zimbra server.

Hostname:

Admin Port:  ☒ Use Secure Connector

Enter the username and password of the admin account to authenticate as.

Username:

Password:

< Back Next > Cancel Help

On the **Import Destination** dialog, enter the following:

- **Host name.** This is the host name of the Zimbra server.
- **Admin Port.** The default admin services port is 7071.
- **Use Secure Connection (SSL)** is checked to establish a secure connection to the server port.
- **Username and Password.** This is the name and password of the administrator account on the Zimbra server.

Click **Next**.

4. In the **Destination Domain** dialog, select the Zimbra domain name where accounts will migrate.

**Destination Domain**  
Select the domain to which users will be migrated.

Destination Domain

Select the domain to import users into

Refresh Domains

< Back Next > Cancel Help

**Note:** If you create the domain name after you started the wizard, click **Refresh Domains** to update the list from the Zimbra server.

Click **Next**.

5. Enter the information necessary to log onto GroupWise.

The screenshot shows a Windows-style dialog box titled "ZCS Migration Wizard for GroupWise". Inside, the "GroupWise Server" section prompts the user to "Specify the information for logging on to GroupWise." The form includes a "Domain Directory Path" field with a "Browse" button, a "Postoffice Information" field with a "Browse" button, a "GroupWise LDAP Server" section with "Name" and "Port" fields (the port is pre-filled with "389"), and "Username" and "Password" fields. At the bottom are buttons for "< Back", "Next >", "Cancel", and "Help".

Enter the following:

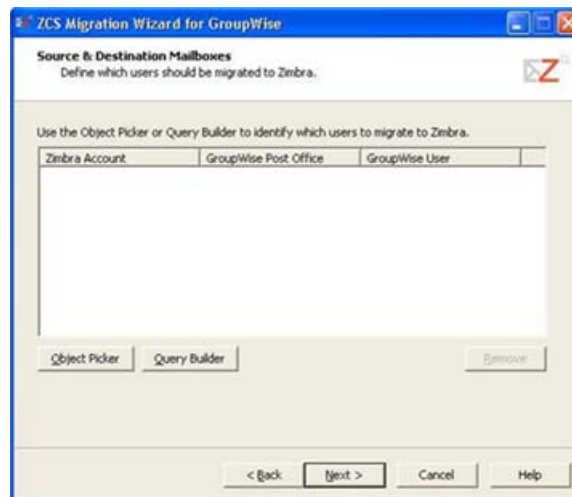
- **Domain Directory Path.** This is the path to the domain directory. This is required to make the ZCS GroupWise migrator a trusted application.
- **Postoffice Information.** This is an XML file that contains the name, IP, and port of the postoffices available within the organization. The format of the XML file is as follows:

```
<PostofficeIpPortInfo>
  <postoffice name="cn=po1,ou=zimbra,o=z1" ip="12.16.100.64" port="1677">
  </postoffice>
  <postoffice name="cn=po2,o=zpspl" ip="12.16.100.64" port="1678">
  </postoffice>
</PostofficeIpPortInfo>
```

- **GroupWise LDAP Server Name.** Enter the name or IP address of the LDAP server the GroupWise server is using and the LDAP port number.
- **Username and Password.** Enter the user name in DN format, that is cn=admin,ou=zimbra,o=z1, and the password to connect to the specified LDAP server.

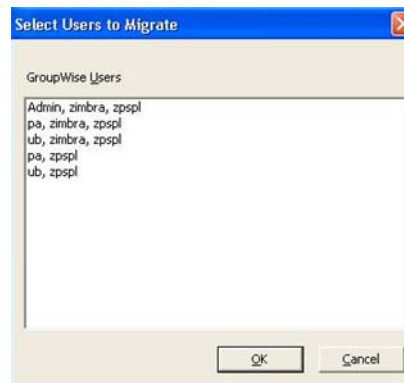
Click **Next**.

6. In the **Source and Destination Mailboxes** dialog, define the users to be migrated to the Zimbra server. Choose one of the following ways to select users:
- **Object Picker**, to select specific users to migrate. Go to step a.
  - **Query Builder**, to select groups of users to migrate. Go to step b.

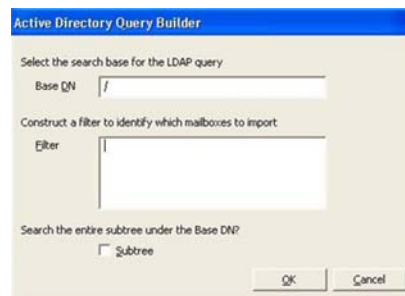


- a. Click **Object Picker** to select specific accounts to migrate. The Object Picker lists all available users on the GroupWise server. Select the accounts to migrate.

Click **OK**.



- b. Click **Query Builder**, to select groups of accounts to migrate.

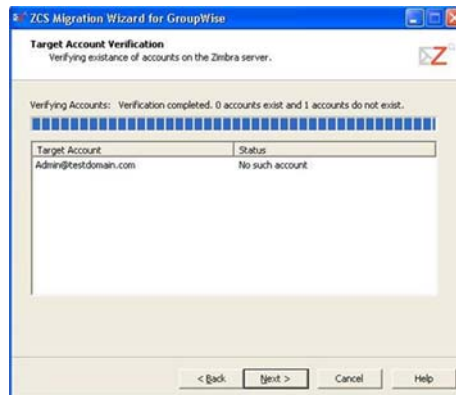


In the **Query Builder** dialog, enter the search base for the LDAP query and construct the filter to identify which mailboxes to import.

7. The **Source & Destination Mailboxes** dialog now displays the Zimbra account name, the GroupWise postoffice DN information, and the GroupWise User DN information for accounts to be migrated. Review the information.

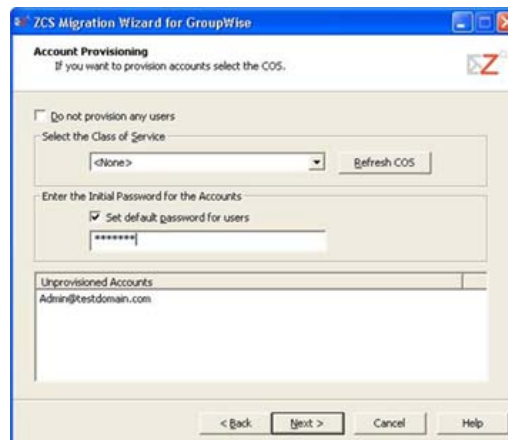
If any accounts should not be migrated, select the account and click **Remove**. Otherwise, click **Next**, to continue.

8. The Wizard now checks to see if these accounts exist on the Zimbra server. After checking all the accounts, the **Target Account Verification** dialog displays the number of accounts that exist and the number of accounts that do not exist on the Zimbra server. The accounts with the status of *No such account* will be created. Click **Next**.



9. The **Account Provisioning** dialog is displayed. All accounts with the status of *No such account* are shown in the Unprovisioned Accounts list box. Before creating these accounts, select the Class of Service (COS) that these accounts will be assigned and enter the default password for the accounts.

The COS defines the features and preferences for these accounts. Classes of Service that have been configured on the Zimbra server are listed. If you recently created a COS and it is not listed, click **Refresh COS**.



**IMPORTANT:** In the COS drop-down list, **default** refers to the default COS that was automatically created when Zimbra Collaboration Suite is installed. The COS named **None** refers to the default COS for the domain that is being migrated. Select **None** to provision the accounts with the COS assigned to the domain. If None is selected and the domain has not been configured with a specific COS, the COS named "default" is automatically assigned.

(Optional) You can specify an initial password for provisioned accounts in the **Initial Password** section.

**Note:** *If password is not specified at the time of provisioning, after the migration you can either:*

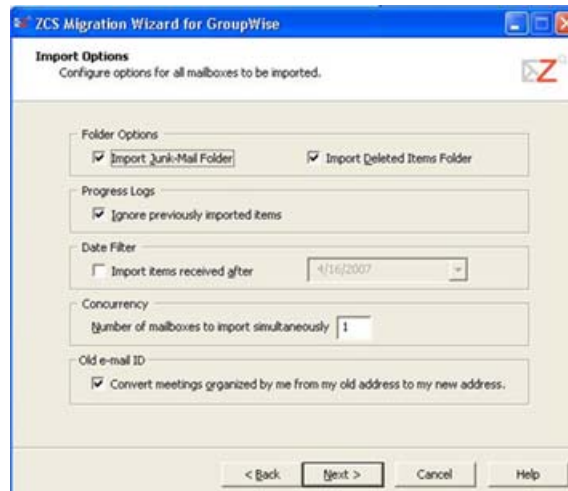
- Create passwords for each account using either the administration console or the **zmprov** CLI utility.
- Configure ZCS authentication to be external, against the LDAP directory. In this case, users can continue to use their existing passwords.

Click **Next**. The Provisioning Accounts dialog displays the progress and lists the accounts and their provisioning status.

**Note:** *If you do not want to create any of the accounts from this list, check **Do not provision any users**, and click **Next**. No accounts are created on the Zimbra server.*

Provisioning of email accounts on the Zimbra server is now complete. Before proceeding you should change the mail relay information for these users to point to the Zimbra server instead of the GroupWise server. Any new email messages are sent to the Zimbra mailboxes.

10. The **Import Options** dialog is used to set rules about what files should be imported





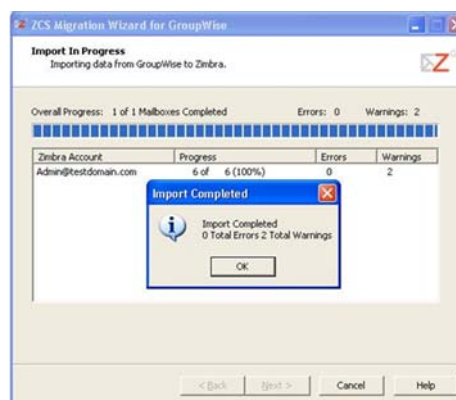
**Note:** By default, messages larger than 10 MB are not imported. The message size includes the messages and attachments. See the Note on page -2.

- The checkboxes for **Import Junk-Mail Folder** and **Import Deleted Items Folder** determine whether or not to import mail currently in those Junk Mail and Trash folders respectively.
- The checkbox for **Ignore previously imported items** can be used in cases where an earlier import operation was interrupted. If checked, the import process picks up where it left off, rather than to import duplicates.
- Check the **Date Filter** checkbox to import mail only after a certain date. This lets you discard old messages.
- In the **Number of mailboxes to import simultaneously** field, set the import concurrency level. Since the import is likely to happen while both GroupWise and Zimbra servers continue to service other email accounts, you should use caution when increasing this number, because setting this number too high may affect server performance.
- If the **Old e-mail ID** checkbox is checked, the old email address of the GroupWise user is replaced by the new Zimbra email address in all the meetings organized by that user.

Click **Next**. A confirmation dialog appears. Click **OK** to begin importing.

**IMPORTANT:** Users can continue to work in GroupWise while their mail is being imported, although any operation they do after that mailbox folder has been imported will not be picked up by the Zimbra server. To ensure that the imported mailbox is consistent with the old mailbox, we recommend informing users that their mailboxes will be unavailable over some scheduled downtime period.

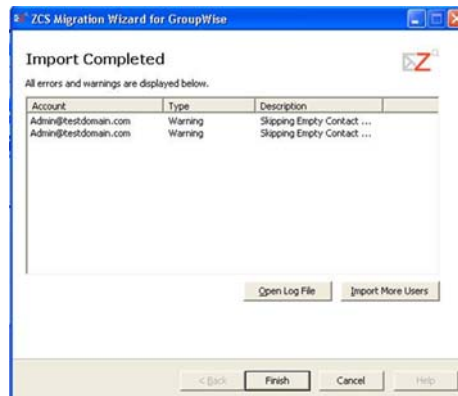
The **Import In Progress** screen displays the import progress.



11. When the import is complete, the **Import Completed** dialog displays any errors. If errors or warnings appear, review the *Description* column and take appropriate action.

- For more information, click **Open Log File** to view details.

- Use **Import More Users** to re-run the import on a different batch of users. You might do this to import users from another domain, for example.



12. Click **Finish** when the migration is complete.

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