

GroupWise 2014 R2 What's New Reference

Enter Release Date

Novell.

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2.1 GroupWise/Exchange Coexistence support for Exchange 2013

Microsoft Exchange 2013 is now supported for coexistence with GroupWise 2014 R2. For more information on how to use this feature, please see the [GroupWise/Exchange Coexistence Guide](#).

2.2 Additional Platform Support

The following operating systems are now supported:

- ◆ SLES 12
- ◆ OES 2015
- ◆ Windows Server Tech Preview

The following server protocols are now supported:

- ◆ **LDAP:** Outlook 2013 client, Mac Mavericks, and Yosemite
- ◆ **CalDav/CardDav:** Mac Mavericks and Yosemite

The following browsers are now supported for the Admin Console:

- ♦ **Linux:** Chrome
- ♦ **Windows:** Spartan
- ♦ **Mac:** Chrome and Safari

2.3 HTTP Console Login Support for GroupWise Configured Administrators

In GroupWise 2014 R2, administrator configuration rights to the HTTP consoles for each GroupWise administrator are now based on the role that is assigned to the administrator. (All administrators still maintain view access to the consoles).

Following are the available roles and their configuration rights:

- ♦ **System Administrator:** Configuration rights to all MTA, POA, and GWIA consoles
- ♦ **Domain Administrator:** Configuration rights to all MTA, POA, and GWIA consoles in their domain
- ♦ **Post Office Administrator:** Configuration rights to their POA console

Regarding the HTTP consoles, consider the following:

- ♦ The HTTP user does not have Write access to the consoles.
- ♦ Because the DVA does not own or read any databases, access control rules do not apply to the DVA.

IMPORTANT: If your HTTP user and super admin user have the same username and password, when you login with the super admin user, you will only have view rights. If the users have different passwords the logins will work correctly. To avoid any complications, please use a different username and password for the super admin user and the HTTP user.

Another component of the access control change is that logging has been added, so any changes made to the HTTP console are logged with the user ID of the administrator appended to the end of the logged message. The logging of the user ID is only done when logging is set to Verbose level or higher.

2.4 Support for KeyShield SSO

GroupWise supports KeyShield's single-sign-on capabilities, allowing users to bypass logins by virtue of logging in once with KeyShield. This is enabled via the KeyShield client on a workstation. See [the KeyShield website \(http://www.keyshieldss.com/\)](http://www.keyshieldss.com/) for more information on KeyShield. If you are a KeyShield customer and want configuration information, please make a note in the [Admin forum](#) on the Authorized beta workspace.

2.5 Support for Active Directory SSO

GroupWise supports Active Directory's single-sign-on capabilities allowing users to bypass the GroupWise login process by virtue of logging in once with Active Directory. Both the POA Server and the user workstation must be joined to the same Active Directory domain in order for single sign-on to work.

IMPORTANT: Active Directory single sign-on is only available for Windows POA servers.

To setup single sign-on:

- 1 In the *Admin Console* > *Post Office* > *Security*, enable *LDAP Authentication*.
- 2 In the *Admin Console* > (*Domain, PO, or User*) > *Client Options* > *Security* > *Network Authentication*, select *eDirectory* or *Active Directory*.

Two authentication mechanisms can be configured for use with the GroupWise Client: NTLM and Kerberos. If the steps above are followed, the client will allow NTLM authentication.

In order to enable Kerberos single sign-on, the POA must be registered as a Service Principal Name (SPN). Please follow the steps below to enable Kerberos single sign-on.

- 1 On the POA server, go to a CMD window to `C:\Program Files\Novell\groupwise\admin`
- 2 Run `gwadminutil -adsso -a <path to PO directory>`

Example: `gwadminutil adsso -a M:\mypo`

To see the other available command line options, run `gwadminutil adsso`. By default, the account associated with the SPN is the account running the command.

- 3 Run `gwadmin adsso --list` to see a list of SPNs for this server. Something similar to the following is displayed:

```
CN=gwserver1,CN=Servers,DC=evilempire,DC=com
groupwise/10.10.20.25
```

The POA server is now configured to authenticate users via Kerberos.

There is also a Service Connection Point (SCP) record that can be written to the directory. This allows the client to discover a POA service with which it can connect. This means a first-time user isn't required to enter the POA's IP address and port on login. They are automatically obtained from the directory.

Creating an SCP record is similar to creating an SPN record. Use the following command:

```
gwadminutil -scp -a <path to PO directory>
```

Like the SPN, you can list any SCP record on the POA server:

```
gwadminutil -scp --list
```

The output is similar to the following:

```
CN=POName.DomainName,CN=gwserver1,CN=Server,DC=evilempire,DC=com
10.10.20.25:1677
```

2.6 New GWIA Settings

Some new settings have been added to the GWIA. One is brand new and others were previously only available in the `gwia.cfg` file. To locate these settings, go to the *Admin Console* > (*Select a GWIA*) > *SMTP/MIME*, then select *ESMTP Settings*.

The following option is new:

- ◆ **Require SSL for Authentication:** When enabled, this option requires an SMTP sender to negotiate a secure connection before GWIA would advertise that AUTH is supported. The default setting is disabled.

The following options are now available in the interface:

- ◆ Force Inbound Authentication

- ◆ Force Outbound Authentication
- ◆ Disable ESMTP Extension

2.7 Photos in the System Address Book

The System Address Book can now include photos. Using the following menu options, you can include a single photo, include a photo already included in eDirectory or Active Directory, or include the photo included in eDirectory or Active Directory as you import the user. You can also import photos using a curl script.

- ◆ *Admin Console > Users > (select specific user) > photo in left corner of properties page*
- ◆ *Admin Console > Users > (select specific user) > More > Associate*
- ◆ *Admin Console > System > User Import select Import User Photo*

If you would like the user to be able to add or edit their own photos, you can enable this functionality in their client. Go to *Admin Console > (select domain or PO) > Client Options > Environment > Address Book*, then select *Allow update of picture in the System Address Book*. If a user updates their own photo, it is only stored in GroupWise and does not sync back to a directory. Because eDirectory and Active Directory use different attributes to show photos, in a subsequent Beta for this GroupWise release, an option will be added to allow you to select which attribute is used for an imported photo.

2.8 Granular Scheduling for MTA Scheduled Events

For events with time-based triggers, the *Interval* option has been added, which allows you to schedule events more frequently than was previously available. This was added to enable the MTA to be able to sync to a directory more often than once per day. This option is found in the *Admin Console > (select an MTA) > Scheduled Events*.

2.9 Expired Date Set for Users Not Found in MTA Sync

If a user directory object is not found during an MTA directory sync, GroupWise will set a timestamp on the user which indicates the time at which the sync failed on that user. GroupWise will then set an expiration time for that user for one week in the future. A notification will be displayed in the Admin Console. The MTA will continue to attempt to find the directory object for the user for seven days. If, at that point, the directory object is still not found, the MTA will no longer attempt to sync the user and the user will be unable to send or receive any new items. You can view these expired users in the *Admin Console > System > Expired User*. From there, you can decide whether to *Remove the association*, *Delete the account*, or *Add an object to the directory*.

2.10 CalDav Support

This option is currently not yet ready for testing. This option will provide support for the Calendar application on the Mac platform.

2.11 CardDav Support

This option is currently not yet ready for testing. This option will provide support for the Contact application on the Mac platform.

2.12 LDAP Server Capabilities

This provides a read-only LDAP server interface into the GroupWise System Address Book information. This is currently not available for testing.

2.13 Slow Document Scan for Find

When the option *Enabled if POA resources are available* is selected in the *Admin Console > (select Domain, PO, or User) > Client Options > Environment > Address Book > Allow Searches of Non-Indexed Attachments*, then a client *Find* will only do a search through all attachments (including those which require DVA conversion) if the POA has at least 20% of the C/S threads available.

2.14 No Delete/No Archive Folders

If *Allow User to Protect Items from Auto-Cleanup* is enabled in the *Admin Console > (select a Domain, PO, or User) > Client Options > Environment > Cleanup*, the user can protect folders and individual items from auto-cleanup.

3 Agents Enhancements

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- ◆ [Section 3.2, “New GWIA Settings,” on page 5](#)
- ◆ [Section 3.3, “Additional Options on POA Performance Snapshots,” on page 6](#)
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3.1 Additional Platform Support

The following operating systems are now supported for Agents:

- ◆ SLES 12
- ◆ OES 2015
- ◆ Windows Server Tech Preview

The following file systems are now supported for Agents:

- ◆ **SLES 12:** BtrFS, EXT3, EXT4, Reiser, and XFS

3.2 New GWIA Settings

Some new settings have been added to the GWIA. One is brand new and others were previously only available in the `gwia.cfg` file. To locate these settings, go to the *Admin Console > (Select a GWIA) > SMTP/MIME*, then select *ESMTP Settings*.

The following option is new:

- ◆ **Require SSL for Authentication:** When enabled, this option requires an SMTP sender to negotiate a secure connection before GWIA would advertise that AUTH is supported. The default setting is disabled.

The following options are now available in the interface:

- ◆ Force Inbound Authentication
- ◆ Force Outbound Authentication
- ◆ Disable ESMTP Extension

3.3 Additional Options on POA Performance Snapshots

The new functionality can be found in *HTTP Console for POA > Configuration > Performance Snapshots > Start > (add information) > Submit*. The new options allow the GroupWise Administrator to send *Performance Snapshots* data through email. In addition, they can schedule when the data will be sent out and can specify multiple recipients to receive the data. The report can be sent *Now*, *At the end of the day*, or *After running for x hours*. You must input the recipients' email addresses. The options *Message Subject* and *Reply To* are optional. This feature was added in order to improve the ability to troubleshoot a busy POA.

3.4 Slow Document Scan for Find

When the option *Enabled if POA resources are available* is selected in the *Admin Console > (select Domain, PO, or User) > Client Options > Environment > Address Book > Allow Searches of Non-Indexed Attachments*, then a client *Find* will only do a search through all attachments (including those which require DVA conversion) if the POA has at least 20% of the C/S threads available.

3.5 DVA Worker Process Threads

On the *HTTP console* for the DVA, the main master DVA process will now display the list of worker processes and the process IDs. If the log level is set to *Verbose* or higher, each worker process will have its own log file which displays more logging information for each document it processes. The logs are stored in the same location specified for the DVA logging (*DVA > Configuration > Log Settings > Log Directory*). The logs can be viewed from the DVA HTTP console in the *Log Files* tab. The main DVA thread will be designated by an asterisk.

3.6 DVA Time out Changes

The default time out has been changed to 60 seconds.

3.7 QuickFinder Time out Value

The QuickFinder time out can now be lowered to 20 seconds. If a document takes longer than 20 seconds to index, the conversion of the document will stop and the document will not be indexed.

4 Client Enhancements

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- ◆ [Section 4.2, "Actions Column," on page 8](#)
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4.1 Quick Tasks/Follow-up Flag

In the GroupWise client, a quick task/follow-up flag option has been added to the left of an item icon. This allows you to click the flag icon and “flag” an item and signify that you want to follow-up on that item. This option is not available for discussion threads, proposed appointment lists, or the summary calendar. When the item is flagged, it also appears in the Tasklist folder. When you click the flag icon, it cycles through the following states:

- ◆ Flagged
- ◆ Completed
- ◆ Unflag

If you are running GroupWise Mobility Service 2.1 or later, and your mobile device supports flagging, the flag state will sync to your device. Because some mobile devices only support the *flagged* and *unflagged* states, when an item is marked as completed on these devices, it shows as if the flag is cleared; however, it shows as *completed* in the GroupWise client and other devices that support all three flag states.

In the GroupWise client, you can use Ctrl+t to toggle between the three flagged states. If you right click on the flag, you see the following options:

- ◆ **Due Date:** When this option is set, the flagged item is also displayed on the Calendar Tasklist.
- ◆ **Completion%**

- ◆ **Configure/Set Alarm**
- ◆ **Quick Tasklist Options...:** This is the catch-all for the other options previously listed.
- ◆ **Remove from Tasklist:** Only available if the item is flagged. All other options are available whether the flag is enabled or not.
- ◆ **View as Tasklist/View Details:** The option that is displayed depends on whether you are currently viewing the details or the items as a tasklist.

4.2 Actions Column

The *Actions* column is added to a folder view by clicking in the column headers, selecting *More*, and adding the *Actions* column. This can also be added through a folder's properties page. This column adds hover icons next to the items for the most commonly used tasks, which include *Reply*, *Move To*, and *Delete*. When selecting *Move To*, possible destinations are presented in the following order:

- ◆ **Recommendations**
- ◆ **Frequently Used**
- ◆ **Recently Used:** If nothing is displayed from either of the destinations above, these destinations are displayed.
- ◆ **More:** Displays the complete folder list.

4.3 Propose New Time for an Appointment

This feature allows the recipient of an appointment to perform a busy search of attendees and propose a new time. The new time is then sent back to the original sender, who can then decide whether to accept the new time. If the change is accepted, the original appointment is edited. The recipient must be on a GroupWise 2014 R2 client to propose a new time. The originator must be on a GroupWise 2014 R2 client to accept the new time and send the edited appointment. If the originator is on a client earlier than GroupWise 2014 R2 client, the counter proposal is shown as an email with the original appointment attached. The originator must then manually edit the original appointment if the originator wants to use the new time. This option is available in the tool bar if you are in the appointment view or by right clicking on an appointment item.

4.4 Invite vs Delegate and delete

In previous versions of GroupWise, *Delegate* allowed you to invite more people to an appointment while still keeping the appointment yourself. In GroupWise 2014 R2, this functionality has changed. There are now two options: *Invite* and *Delegate and delete*.

Invite works the same as *Delegate* did previously in that it allows you to invite other users to an appointment while still keeping the appointment for yourself. *Delegate and delete* allows you to delegate the appointment to another user and remove it from your Calendar. If you select *Delegate and delete*, you are not prompted to delete the appointment from your calendar, because you have already chosen to delete the appointment. You can access this functionality through the right click menu on an appointment item or on the tool bar in an appointment view.

4.5 QuickFinder Improvements

The QuickFinder box, which is found at the top right of all folder views, now searches the message body of items instead of just the header fields. This gives you greater access to any item that contains the string for which you are searching. If a user name is typed the QuickFinder box, the user name will be looked up in the Address Book and QuickFinder will also search for items addressed to the email address associated with that name.

4.6 Photos in Client

In previous versions of GroupWise, photos were shown when hovering over a name in the *From*, *To*, *CC*, and other similar fields in the read view. The photo options have now been added next to the sender name in the read view and next to names that appear during name completion when you are addressing an item. Also, if enabled by the Admin, you can change the picture used in the GroupWise Address Book via the client with *Edit > Change GroupWise Picture*. If there are different photos for the same user in the GroupWise Address Book and in a Personal Address Book, the photo in the Personal Address Book will be shown.

4.7 Category Enhancements

Items can now show multiple category colors assigned to them by adding the Categories column to the folder view or by displaying the folder in summary view. When you hover over the color representing the category, the name of the category will be displayed. The Category column itself can be sorted, and it will sort the items by category according to the order you have set up when you configured your categories. When items are sorted by category, they will display in multiple places in the sorted list if the item has multiple categories.

4.8 Remember Client State on Crash

The Windows client now automatically saves the state of the client every 5 minutes in case of an unexpected termination or crash. This way, when the client is reopened, it will go back to the state it was in the last time it was saved before the crash.

4.9 No Delete/No Archive Folders

When this option is turned on for folders or items, the selected item or folder is exempted from automatic maintenance. This is turned on by right clicking on the item or folder, if the option is enabled by the administrator. If an item is moved out of a folder that has this enabled, you will be asked whether you want to retain the setting on the individual item.

4.10 Sticky Notes

In previous versions of GroupWise, this was called *Discussion Note* or *Personal Note* in the Windows client. Changing the name facilitates synchronization via GroupWise Mobility Service 2.1 and ActiveSync 14.x to notes applications on mobile devices such as Notes on iOS devices. When notes sync is enabled on the mobile device, a new folder called *Mobile Notes* is created in GroupWise. *Sticky Notes* created in or moved to the *Mobile Notes* folder will be synced to and from mobile devices. If you are using a version of the GroupWise client previous to GroupWise 2014 R2, the *Mobile Notes* folder will instead be named *Notes*. In either case, the folder will be created just below the *Tasklist* folder in the client interface.

4.11 Proxy Options Enhancements

When granting proxy access to your mailbox, you can now specifically restrict access to the options in *Tools > Options > Security > Proxy Access*. Previously, these options were included when you granted access to the *Options* in general. The options are:

- ◆ **Options**
- ◆ **Security Options:** This is only available if *Options* is selected.

- ◆ **Rules**
- ◆ **Folders**

4.12 Address Book Changes

With the release of GroupWise 2014 R2, functionality is moving from the Address Book executable to the address books listed in the folder list of the client. The changes made so far include:

- ◆ Display of shared address books in the client folder list
- ◆ Inclusion of the *Properties > Options* tab for the *Frequent Contacts* book in the folder list
- ◆ *Properties > Sharing* tab for all personal address books in the folder list

4.13 Undo and Redo

The ability to undo or redo multiple actions has been added to the client. *Undo* negates any change that you made, and *Redo* will make the change again if you have previously undone an action. The options are available in the Actions menu or by using the keyboard shortcuts Ctrl+z for Undo and Ctrl+y for Redo. You can undo or redo the following actions:

- ◆ Move To
- ◆ Delete
- ◆ Move Folder
- ◆ Set Category
- ◆ Show/Hide Folder List
- ◆ Show/Hide Quick Viewer
- ◆ Show/Hide Main Menu

4.14 Paste Special

We have added three new paste options to the right click menu. The options are dynamic and will change with what you have copied in your clipboard. The three options are as follows:

- ◆ **Formatted Text:** This pastes whatever you have in your clipboard exactly as it was copied.
- ◆ **Merge Formatting:** Keeps the HTML structure of what is in the clipboard, but removes fonts and headers and uses the font that is currently selected in the GroupWise compose view.
- ◆ **Unformatted Text:** This removes any formatting from what is in the clipboard and pastes only the text. This option is also available using the keyboard shortcut Ctrl+Shift+v.

4.15 Keyboard Accelerators

The following keyboard accelerators have been added to the client:

- ◆ **Ctrl+Shift+v:** Paste Special Unformatted. This removes any formatting and pastes only text that is on the clipboard
- ◆ **Ctrl+z:** Undo
- ◆ **Ctrl+y:** Redo
- ◆ **Ctrl+t:** Flagging Toggle (*Flagged, Completed, Unflag*)
- ◆ **Ctrl+Alt+y:** Accept. This was previously Ctrl+y, but has been changed to accommodate *Redo*.

4.16 Voting

Voting allows a user to send a topic with a list of responses to other users, who can then select a response. A summary email is then sent to all of the participants on which all of the voting results are displayed. The results are found on the pull-down menu in the header or on the Properties page of the summary email. The sender can select from pre-formed responses or can create a semi-colon delimited list of responses that they can send to the recipients. The Voting option is enabled on the *Send Option* tab of the Compose view for any item.

4.17 Sent Items Properties Enhancements

The *Properties* tab for a sent item will now only show the *Advanced Properties* information. The *Quick Properties* are now available in the item header through the summary line and a pull-down menu. In the menu, you can use the icon on the right to toggle between *Simplified* view (by item status) or *Basic* view (by user). You can choose whether you want sent items opened in the *Properties* tab or the Message Body view by going to *Tools > Options > Environment > Default Actions* and selecting *Open item* or *Show properties*.

4.18 Quick Response

Quick Response lets you share your input on an item without sending a reply email. In the lower right corner or in the read view for an item, select the response from the list of standard responses or choose *Respond with comment*. The sender of the item will see the response in the header and the item summary.

4.19 Remember View Mode of Multi-User Calendar

When moving between multi-user calendar and regular calendars, the last view settings for both the multi-user calendar and the regular calendar are “sticky”, meaning they are retained so you don’t have to change back to the view you were using previously.

4.20 Changes to Display of From/CC/BC Options

More granular control is now available when choosing whether you want to have *From*, *CC*, or *BC* displayed for items you compose.

4.21 Click to Add Signature

In previous versions of GroupWise, when the global signature setting was turned off in the *Tools > Options > Environment > Signature*, *Click to add a signature* would still appear when sending items. This has been fixed.

4.22 Edit Signatures in Place

A signature can now be edited in place for a specific message after it is inserted into the message. The changes are for the current message only. To make permanent changes, use the slide-out panel.

4.23 Notify Pop-up UI Changes

Notify alerts now look similar to Novell Messenger pop-ups.

4.24 Vacation Rule Widget

A luggage icon has been added to the bottom right corner of the client, which allows you configure and quickly turn on your vacation rule. The color of the icon will change depending on whether your vacation rule is on or off.

4.25 New Options when Dragging Email and Attachments to the Desktop

When you drag an item or attachment to the desktop (or any other folder) and an item or attachment of the same name exists in that location, you will be presented with the standard Windows copy/move dialog, which will allow you to replace the item or attachment, keep both the old and new items or attachment with a number to the new version being appended, or cancel the operation.

4.26 Multi-User Calendar Rights More Consistent with Originally Granted Rights

This resolves issues where a user might use multi-user calendars to view calendars for which they have not been given specific rights. For example, User A has rights to view User B's calendar, but User C does not. If User C has rights to view User A's calendars, User C should not be able to view User B's calendars by using User A's multi-user calendar. This fix enforces that setting by disallowing unintended viewing of calendars by one user piggybacking on another's multi-user calendars. Rights are set in *Tools > Options > Security > Proxy Access*. The proxy access dialog has also been cleaned up to remove user names for which proxy access has no longer been granted.

4.27 Email Windows Remembers "Aero Snap" Location

In previous versions of GroupWise, cycling through email items by opening an item and using the Previous and Next arrows would not preserve the [aero snap](#) location of the item. The location is now maintained as you cycle through email.

4.28 AES/SHA Enhancements

The option to select Microsoft Enhances RSA and ASE Provider is now available in *Tools > Options > Send > Security > Select a security service provider*. If you then select *Advanced Options*, you can select from the different versions of AES for encrypting and the new SHA-256 and greater algorithms for signing. Previously, AES was not available in GroupWise and signing was hard coded to SHA-1. This new set of algorithms is more secure and, in some locales, mandated for government use.

4.29 Add HTML Support for Rules

For HTML messages, rules such as reply, delegate, and forward in previous versions of GroupWise only sent merged plain text when executed. Now, they do a merge on the original HTML message.

5 WebAccess Enhancements

- ◆ [Section 5.1, "Platform Support," on page 13](#)
- ◆ [Section 5.2, "Browser Support," on page 13](#)

5.1 Platform Support

The following operating systems are now supported for WebAccess application:

- ◆ SLES 12
- ◆ OES 2015
- ◆ Windows Server Tech Preview

5.2 Browser Support

The following browser is now supported for WebAccess:

- ◆ **Windows:** Spartan

6 Documentation

The following sources provide information about GroupWise 2014 R2:

- ◆ Installation:
- ◆ Online product documentation:

7 Legal Notices

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