
Release Notes for Zimbra™ Collaboration Suite 5.0.9

Network Edition

Please read this release note as it contains the up-to-date changes for ZCS 5.0 and includes the following sections:

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Release Overview

This release note refers to the Zimbra Collaboration Suite Network Edition 5.0.9 release from Zimbra, Inc. This is a generally available (GA) release expected to run in production environments. ZCS Network Edition 5.0.9 requires a Zimbra license in order to create Zimbra accounts, use ZCS Connector for Outlook, ZCS Connector for Apple iSync, and Zimbra Mobile.

The Zimbra Collaboration Suite Network Edition 5.0.9 is a next generation collaboration solution. ZCS provides next generation messaging and collaboration tools, including email, address books, group calendaring functionality, task lists, and Web document authoring and sharing, along with rich browser-based interfaces for both end-users and administrators. Users can use Zimbra mobile for over-the-air synchronization of mail, address books, and calendar data between mobile devices and the Zimbra server. A comprehensive feature list is available on the Zimbra web site at www.zimbra.com.

Before you install the upgrade, please review the Known Issues section for a list of outstanding issues in this release.

New Features for 5.0

Following is a list of major enhancements for ZCS 5.0.X. For a complete list of ZCS features see the feature list posted on the Zimbra Web site.

- Task Lists. Disabled by default when you upgrade; for new installations, the Tasks feature is enabled. A new Tasks tab is added to the application tabs. The tasks list feature includes the ability to create multiple task lists, create tasks, manage a task, including setting the priority and tracking the progress
- Documents. On by default when you upgrade and for new installations. Documents is a document sharing and collaboration application that gives you a central place on the Zimbra Web Client to develop, organize, and share information
- Briefcase. Off by default when you upgrade; for new installations, Briefcase is enabled. Briefcase lets you save files on the Zimbra Web Client so that you can access them whenever you log on to the ZWC
- Delegated Mailbox. Users can share any of their email folders, including the Inbox and sub-folders
- Users can be notified when their mailbox is almost full (quota feature)
- Calendar entries can be marked private or public
- Search for an appointment up to 180 days in the future
- Photos and images can be uploaded and synced to the address book contacts list
- Message priority can be set
- Instant notification of email messages can be enabled
- Major changes to the administration console include:
 - Layout of the administration console has been improved. You can open more than one function at a time. Tabs are opened above the Content pane
 - Search queries can be saved
 - Search for all administrators and domain administrators on ZCS
 - Last login time is displayed from the administration console Accounts content pane
 - Default time zone set in the COS/Admin can now be changed by users. This timezone is used for Zimbra Mobile and the standard Zimbra Web client
 - Monitoring, Server Statistics for individual servers now includes a Sessions tab that displays information about active web client, administrator and IMAP sessions

- Certificates can be managed and installed from the administration console
- The Jetty Web server is now used as the server container that the Zimbra software runs within. Reference to this servlet is called **mailboxd**
- Domain name can be changed from the zmprov CLI
- Nginx is used to support more scalable POP/IMAP proxy
- Domain's status can be set, including status of Suspended
- Account level logging can be configured
- ZCS HTTP mode now includes Redirect. Redirect mode redirects any users connecting via HTTP to a HTTPS connection
- If more than one language locale has been installed on ZCS, users have the option to select the locale that is different from the browser language settings from the Preferences, General tab
- Major import and migration feature enhancements:
 - Tasks can be imported/migrated
 - The types of items (appointments, email, contacts, and tasks) to import can be selected
 - Photos associated with contacts can be imported/migrated
 - Appointments and tasks private status is retained
- Major Connector feature enhancements:
 - ZCO - Zimbra mail filters automatically sync with Outlook 2007
 - ZCO - Outlook 2007 Reminders sync to the Zimbra server
 - ZCO - Support for Zimbra Persona (mail identities)
 - ZCO - Appointments and tasks can be marked as private
 - Apple iSync - Shared contacts and photos can be synced

Enhancements for 5.0.X

New Features for 5.0.9

- Ubuntu 8.04 GA for Open Source and Beta for Network Edition (Bug 23154)
- New global and server settings can be set so that when a mailbox quota is reached, messages received to that mailbox are bounced instead of deferred. The attribute is **zimbraLmtpPermanentFailureWhenOverQuota**. The default is FALSE, messages are deferred. (Bug 27838)
- Address Book contacts list now displays an email address for contacts that do not have a name set up on the contact form. (Bug 12088)

- Right-clicking on the **From** field of a message listed in the Content pane now includes the selection **Edit as New**. This opens the message so that it can be sent as a new message rather than having to forward the message. (Bug 28717)
- You can set the option to not redirect users who use a screen with resolution of 800 x 600 to the standard ZWC by COS or by account. The default is set to TRUE, the standard ZWC is opened when this screen resolution is detected. (Bug 28471)
- Sharing and REST URL generation now works correctly when http proxy is enabled. New attributes can be set globally or by domain:
 - **zimbraPublicServiceHostname**
 - **zimbraPublicServiceProtocol**
 - **zimbraPublicServicePort**

When generating REST URL's:

- If domain.zimbraPublicServiceHostname is set, use zimbraPublicServiceProtocol + zimbraPublicServiceHostname + zimbraPublicServicePort
- Otherwise it falls back to the server (account's home server) attributes:
 - protocol is computed from server.zimbraMailMode
 - hostname is server.zimbraServiceHostname
 - port is computed from the protocol.

(Bug 29458)

- Added an admin logout URL. The attribute domain/globalconfig domain Info attribute **zimbraAdminConsoleLogoutURL**. Logging out of the admin console sends the user to this URL. (Bug 28583)
- The attribute **zimbraAdminConsoleLoginURL** is used to redirect user to the login page when the user is not authenticated or authentication has expired. (Bug 29973)
- The ZCS version can be displayed on the initial banners for POP and IMAP. The default is FALSE, the version number is not displayed. To display the version number in the banner, change server/global config boolean attributes **zimbraLmtpExposeVersionOnBanner**, **zimbraPop3ExposeVersionOnBanner**, **zimbraImapExposeVersionOnBanner** to TRUE (Bug 29401)

New Features for 5.0.8

No new features were introduced in the 5.0.8 release.

New Features for 5.0.7

The follow are a list of enhancements to the Zimbra Web Client

- Users can now set up alerts to be notified when new email messages arrive in their Inbox, when an appointment reminder pops up, and when an IM message is received. The alerts can be a sound notification or a visual notification. These notifications can be enabled in the appropriate ZWC Preferences tabs. (Bug 7482, 6625)
- A new role as been added to the sharing feature. The new role is **Admin** and gives the grantee the additional sharing privileges to re-share the folder with a another grantee. (Bug 26363)
- Calendar includes the following recent enhancements:
 - Users can now select which calendar to save an appointment to when they accept the invite. After the invite is displayed in the Calendar, they can move it to another calendar.(Bug 6737)
 - A Calendar zimlet was developed to make it easier to view free time to make schedule meetings easier. The Zimlet is named **com_zimbra_calscheduler**. When this Zimlet is deployed the free/busy status of attendees displays when you click on a time slot on the Calendar Schedule page. This Zimlet can be used to look up availability and suggest possible appointment times. (Bug 7173 and 19298)
 - Zimbra Web Client users can now specify which users can see their Free/Busy information and who can invite them to meetings. The default is to allow all users to see the free/busy information and to allow all users to send an invite to the user. Users can change these defaults in the Preferences>Calendar tab to allow only specified addresses. (Bug 22913)
 - Users can share their calendars and specify if they want the grantee to be able to create, edit or delete private appointments. When they set up share properties, if they check **Allow user(s) to see my private appointments**, the grantee has the privileges set in the Role to view or manage private meetings. If this is not checked, private appointments are not viewed or managed. (Bug 27722)
 - When an invitation to a meeting is received, users can ignore reminder set by the organizer and use the one set in their preferences. (Bug 28663 28728)
 - Users can email a copy of the free/busy view of their calendars. In Calendar, they right-click on the Calendar title in the Navigation pane and select **Mail Free & Busy link**. An compose email message window opens with the link displayed in the text field. Email recipients can click the link to see the meetings times that are schedule. They do not see information about the meetings.(Bug 24955)
- The ZWC online Help is presented in the same language as the Zimbra Web Client language setting selected in the Preferences>General tab. (Bug 27635)

Other enhancements

- When POP3 users who have “keep messages on server” enabled are migrated from an existing mail system to ZCS, the Zimbra server assigns new UIDs to messages that are different from the UIDs these messages had in the old mail system. This will cause users’ POP3 clients to redownload all the old mail from the new Zimbra server because the UIDs appear different. In order to help avoid this badness during migration, a new attribute, **zimbraPrefPop3DownloadSince**, has been created. Administrators can set this preference on the Zimbra accounts at the time of the migrating so the Zimbra POP3 server will only let users download new messages delivered since the migration. An example of the CLI to use is as follows: `zmprov -l ma user@server.example.com zimbraPrefPop3DownloadSince 20080501000000Z`.

In this example, only email messages after 1 May 2008 will be downloaded. (Bug 27293)

- If **zimbraPrefPop3DownloadSince** attribute has been set on an account for migration purposes (see Bug 27293), and at a later date if users need to redownload all their POP3 mail (for example, when they have a new computer or reinstall their POP3 client), then they can change this download date preference in the user preferences tab in the Zimbra Web Client, after which they will be able to download all their mail going back to the earliest message in the mailbox these settings are configured in **Preferences>Mail>Access from Other Mail Clients**. (Bug 27912)
- An alternative implementation of the `convertd` daemon used for text extraction and conversion to HTML is now available as beta in 5.0.7. The new implementation is Apache multi-process based, as opposed to the original implementation which was multi-threaded. When libraries used to handle attachments fail or crash, the multi-process implementation allows for better availability. Since the new implementation is still in beta, the older multi-threaded implementation continues to be the default. If you are experiencing a high number of 400 (try again) error codes during LMTP delivery, or if you are seeing too many `kvoop` processes consuming memory, you can try the new Apache-based `convertd`.

Run `/opt/zimbra/convertd/bin/upgrade_v2` to upgrade.

Run `/opt/zimbra/convertd/bin/downgrade_v1` to downgrade.

You must install the new `zimbra-convertd` package for it to be available.

(Bug 2161)

- ZCS implemented IMAP4 ACL extensions that allows shared folders via IMAP client. (Bug 6937)
- ZCS Documentation major updates for 5.0.7
 - The ZCS Administration Guide now includes description of the Zimlets that are available (Zimlets chapter); Zimbra Proxy chapter that describes Zimbra Proxy and how to configure HTTP Proxy, if not configured during

install, and Managing Other ZCS Features chapter that describes legal intercept for law enforcement and creating mailbox snapshots for legal discovery.

New Features for 5.0.6

- Users now set their preferences to view their messages by conversation or by messages and whether to show the Reading Pane from the **View** link on the ZWC toolbar. They are no longer set from the Preferences tab (Bug 7781)
- LDAP logging has been increased to help debug sync problems. When you upgrade to 5.0.6, the LDAP default setting will be changed to reflect the increased value. (Bug 27699)

If you want to preserve the previous default value, set the LDAP log level back to 32768. Type the following command:

```
zmlocalconfig -e ldap_log_level=32768.
```

```
ldap stop
```

```
ldap start
```

- When composing an email in the HTML compose mode in ZWC, users can insert hyper links. Users can create the text and the link target. The text displays in colored, underlined in body of the email. (Bug 5419)
- ZWC now supports nesting calendars within different ZCS folders, such as Calendar, Contact and Mail folders. Users cannot create the nested grouping. The ZCS administrator creates a nested list of calendars from the CLI or a nested Calendar grouping is imported with a migration. (Bug 6410)

The CLI command defines the grouping. The command is written as

```
zmmailbox -z -m user1 -v appointment /Calendar/CalCall
```

This would create a calendar called CalCall nested under Calendar.

- Flexible alarm schedule in Calendar has been implemented. When users create an appointment or a meeting in Calendar, they can set a reminder notification time for each appointment or meeting they create. Invites will be reminded of the meeting at the time set for the notification. This reminder can be set up to 18 hours before the meeting. (Bug 8854)
- Users can now set their preference for how messages are marked as read. The preference, "When I read a message in the reading pane" is set from the Preferences Mail tab. The "mark read" preference only applies to messages that are displayed in the reading pane. If users double-click on a message which displays in the message view, or displays the message in a separate window, such as when using the detach button, the message is marked as read immediately. (Bug 16337)
- Backup. You can now replay redologs from an arbitrary point in time when restoring mailboxes. The CLI for replaying redologs is `zmplayredo`. The `mailboxd` process must be stopped when running this command.

- Mac OS X Leopard (10.5) is release as GA for Open Source ZCS. It is Beta for Network Edition ZCS.
- Ubuntu 64 bit is now GA, beginning with 5.0.6

New Features for 5.0.5

- Backup enhancement. Shared blobs are zipped when **--zip option** is used to backup ZCS. Multiple zip files are used to hold the shared blobs. A new backup option, **--zipStore** has been added to the zmbackup. (Bug 26624)

How to use --zipStore: by default --zip option uses deflate compression. When --zipStore option is also specified, blobs are added to a zip file with uncompressed “store” method. This uses more disk space, but the backup is faster.

- X-Mailer is now added to Zimbra emails by default and can be disabled by setting **zimbraSmtpSendAddMailer** to FALSE in global config. (Bug 6237)
- HTTP proxy is supported (Beta). This includes REST sharing, Caldav, and Zimbra mobile. For Zimbra Mobile, ZCS redirect/forwards to the correct host. (Bug 9469)
- For new installations, an additional Common Menu item has been added. **Require secure interprocess communications.** By default this is set to **Yes**. This means that ZCS will use **startTLS** with the LDAP server with Amavis and Postfix. If this is set to No, ZCS disables the use of startTLS with the LDAP server.

ZCS install checks to see if startTLS works with the LDAP server. If it does not, a warning is logged to the setup log file and this setting is set to No.

If you want to manually disable the use of **startTLS** for Postfix and Amavis when talking to the LDAP server, set the **ldap_starttls_supported** localconfig value to 0. Then run **zmmtainit** to update the postfix configuration files, and **zmmtaconfig amavis** to update the amavis config files. Then restart the system. (Bug 24762)

New Features for 5.0.3

- Set the purge run schedule from the administration console. You can set the duration of time that the server should “rest” between purging mailboxes from the administration console, Global settings or Server settings, General tabs. (Bug 24823)
- Viewing the Free/Busy Schedule of users that are across a mix of ZCS servers and third party email servers can be configured. (Beta) See the Help topic *Making Free/Busy Schedule View Available*, in the administration console for details. (beta) (Bugs 25615, 25857)
- When an auto-reply message is enabled for an account in the ZWC, the start and stop dates to use the message can be set. (Bug 10071)

- Law Enforcement (aka lawful/legal intercept) can be configured. User messages can be intercepted and sent to another mailbox. Once intercept is turned on, any time that the user sends a message, receives a message, or saves a draft, an intercept message is sent to the specified mailbox with the original message attached. (Bug 17539)
- ClamAV™ upgraded to 0.92.1.

New Features for 5.0.2

- Spell check is now available in the standard Zimbra Web Client. (Bug 16819). To use spell check in the standard ZWC, HTML Compose must be checked in the account Preferences tab.
- LDAP configuration can now be enabled separately for GAL search and for GAL Sync. When ZCS is installed, the default is GAL search and GAL Sync have the same configuration. You can change this from the administration console in the GAL configuration wizard and new domain wizard. (Bug 21247)
- Change to spam filtering. In ZCS 5.0.1 and earlier, user filters were run before the spam filter check was run. This meant that if the user filtered mail into a folder, spam would not be identified and sent to the Junk folder. Beginning with 5.0.2, spam check is completed first and messages identified as spam are moved to the Junk folder. With this change, users cannot write a filter to move false positive spam out of the Junk folder. You can create a spam white list for individual accounts that allows an account to identify email addresses that should not be marked as spam. To do this, type `zmprov ma <account@example.com> +amavisWhiteListSender <name@example.com> +amavisWhiteListSender <name2@example2.com>`

Note: If you prefer ZCS 5.0.2 or later to use the spam filter function as it works for 5.0.1 and earlier, you can set the **zimbraSpamApplyUserFilters** option to *True*. This can be done by COS or for individual accounts.

(Bug 23886)

Miscellaneous Important Notices

- 5.0.7 - ZCS Connector to Outlook - To use the latest version of ZCO, ZCO 5.0.7, ZCS must be at 5.0.7 or later!
- 5.0.7 - Adding appointment reminders capability to user accounts. Beginning with ZCS 5.0.5, Calendar appointment reminder notification on the Zimbra Web Client is sync'd from the Zimbra server. For appointments, especially recurring appointments that were created before 5.0.5, reminder notification will not work. In 5.0.7, administrators can use a tool to apply default reminders to existing appointments that do not have reminders. This can be run for one account or for all accounts on a server. For each

appointment in the future that does not have a reminder set, a reminder is added. The reminder notice time is determined by the value set in the user's Preferences >Calendar, Show reminders field.

The tool is run from the CLI as follows:

```
/opt/zimbra/libexec/zmfixreminder <options>
```

Usage options

- a <email> - to fix the named account
- a all - to fix all accounts on this server
- o <output directory> - This is where temp files are created. The default is to use the current working directory.

- **5.0.7 Instant Messaging** zimbraXMPPEnabled controls the Zimbra IM component. If TRUE, then IM is enabled, if FALSE, then IM is disabled. When upgrading, the upgrade process does not change the value of zimbraXMPPEnabled. That means that if XMPP was enabled before the upgrade it will stay enabled. Beginning with 5.0.7, IM is not automatically enabled when ZCS is upgraded. (Bug 28280)
- 5.0.6 When users log into ZWC and Zimbra Web Client detects a screen resolution of 800x600, the user is automatically redirected to the Standard Zimbra Web Client.
- 5.0.6 ZCS has downgraded to JDK 1.5.0_15 (Bug 27890)
- 5.0.6 Two different settings are configured to set the maximum size for messages with attachments that be sent and to set the maximum size for files that can be uploaded to Documents or Briefcase.
 - The maximum message size, including attachments that can be sent is configured in the Global Settings MTA tab, **Maximum message size** field.
 - The maximum size of an uploaded file for Documents or Briefcase is set in the Global Settings General tab, **Maximum size of an uploaded file for Documents or Briefcase (kb)** field.
- 5.0.6 The default values for Postfix queues have been adjusted and they are now configured from **zmlocalconfig**. (Bug 25546) The new localconfig attributes with default values are:
 - **lmtp_connection_cache_destination=""**
 - **lmtp_connection_cache_time_limit=4s**
 - **queue_run_delay=300s**
 - **minimal_backoff_time=300s**
 - **maximal_backoff_time=4000s**

Note: These attributes and the default values will be enforced when you upgrade.
- 5.0.6 The Web proxy always redirect https initial login to http. (Bug 28169) See Known Issues for the workaround.

- In the event that your upgrade to 5.0.3 failed, please contact support.
- An iCal calendar URL that includes spaces does not work in ZWC. Users need to replace spaces in the URL with underscores when they create an iCal calendar. (Bug 23614)
- Identifying a corrupted Index. Previous to 5.0.3, all messages were indexed before they are delivered. Beginning with 5.0.3, the server does not block delivery if the index is corrupt. If the server detects a corrupt index, it will log a message to the zimbra.index.logger that starts with “Possibly corrupt index” at the WARN level. The administrator is responsible for monitoring the zimbra.index log at the WARN level for messages about corrupt indexes. When this message is displayed, the administrator will need to correct the problem. Correcting the problem may mean reindexing the mailbox, fixing disk space issues on the index volume, etc. **Note:** Text searches on the account might or might not fail with errors when the index is corrupt. The administrator cannot count on the user reporting a failed text search to identify that the index is corrupt. (Bug 21244)
- Yahoo Search is now included in the ZWC UI. Yahoo search lets users access the Web from within ZWC. It displays in the ZWC search area. If you do not want users to search the Web from ZWC, you can disable this feature from the CLI. Type:
zmprov mc <cos> zimbraFeatureWebSearchEnabled FALSE (Bug 23275)
- With the introduction of Nginx for proxy, memcached is shipped as the caching layer to cache LDAP lookups. Memcache does not have authentication and security features so the servers should have a firewall set up appropriately. The default port is 11211 and is controlled by zimbraMemcacheBindPort conf setting in zimbraserver. (Bug 22869)
- For SMTP auth to work in round-robin fashion for authentication, the administration port 7071 must be visible from each MTA servers. (Bug 6218)
- The email retention policy for email, trashed and spam messages is set by COS. When the message purge function runs is set by the message purge command. Message purge is no longer scheduled through the crontab.

Now, the server manages the message purge schedule. You can set the duration of time that the server should “rest” between purging mailboxes from the administration console, Global settings or Server settings, General tabs. By default, message purge is scheduled to run every 1 minute. If the message purge schedule is set to 0, messages are not purged.
- First time installations of 5.0.9 or later on OSX 10.4 or OSX 10.5 require a reboot of their Macintosh after installation. (Bug 30609)

Beta-quality features included with ZCS 5.0.

These features included with are considered beta quality and have known issues.

- Beginning with 5.0.9, Ubuntu 8.04 is available as beta for the Network Edition.
- Beginning with 5.0.5, HTTP proxy is in Beta. This includes REST sharing, Caldav, and Zimbra mobile. For Zimbra Mobile, ZCS redirect/forwards to the correct host. (Bug 9469)

This has been documented in the administrator's guide and the multi-server installation guide. Please note this correction to the documentation:

From the Note: ZimbraMailReferMode is a server/global config, not a local config.

Also, note that the **zimbra_auth_always_send_refer** value is migrated to zimbraMailReferMode when you upgrade. Note that in the upgrade, existing users who rely on this value keep their existing behavior.

- **Free Busy Interop** - Viewing the Free/Busy Schedule of users that are across a mix of ZCS servers and third party email servers can be configured. For this release, this interop feature can be configured between ZCS and Microsoft Exchange Servers. The ZCS can pull the free/busy schedule of a user on Exchange and also push the free/busy schedule of a ZCS user to the Exchange server. You configure Global Config, Domain, COS, and Account settings. See the Help topic *Making Free/Busy Schedule View Available*, in the administration console for details. (Bugs 25615, 25857)
- **Instant Messaging** - IM lets users exchange messages in real time with other users in ZCS. Users can create buddy lists. IM interactions are saved to the Chat folder. The IM feature is disabled for upgrades and new installations.

***Note:** Update about Instant Messaging feature - In order to ensure the scalability of our server software and provide a quality experience to our customers, we have removed IM interoperability with AOL and MSN that was present in previous 5.0.0 beta releases. This functionality may be restored in a future release.*

- **ZCS Connector for BlackBerry (ZCB)** - Users can access ZCS using their BlackBerry mobile devices. ZCB is a plug-in that enables synchronization of mail, address books, calendars, and tasks between ZCS and a BlackBerry Enterprise Server (BES) for Exchange, using MAPI. See the ZCS Connector for BlackBerry Guide.
- **Safari™ browser support** is in beta and there are several known issues.
- **Zimbra Toaster** is a stand-alone application that notifies users when new email is delivered to their ZCS mailbox. The install format is an .msi file.
- **ZCS rPath** software appliance installs the latest version of the rPath Linux operating system and the Zimbra Collaboration Suite.

Major Fixes in 5.0 Releases

Major Issues Fixed for 5.0.9

To see a list of all the changes for this release, see the [Zimbra Product Portal](http://pm.zimbra.com/pm_patch.php?patch=5_0_9&status=Future&rel=5.0&relName=Franklin), (http://pm.zimbra.com/pm_patch.php?patch=5_0_9&status=Future&rel=5.0&relName=Franklin)

23154	Ubuntu 8.04 is GA for Open Source Edition and Beta for the Network Edition
25227	ZCO - Searching for contacts now shows all contacts, including those without an email address
25882	ZCO - GAL entries are no longer added to the Inbox folder
26457	Searching shared contacts now works.
27683	ZCO - Fixed issues that cause Outlook to randomly stop syncing before the sync is completed
28085	Installing commercial certs from the admin console for single nodes now works.
28471	The option to disable redirect to the Standard ZWC for 800 x 600 screens is now set by COS
28717	When you right-click on the From field in a message, you can now select Edit as New . Use this feature to send a message without having to forward the message.
28843	Shortcut keys are now localizable.
29138	zimbraPublicServiceHostname now works when zimbraMailReferMode is set to reverse-proxy.
29204	Public Shared documents can now be viewed when using http proxy
29328	Calendars are now shared properly between servers
29395	Updated postfix configuration to use proxymaps to improve reliability and performance.
29379	The printing issues when using Firefox 3 are resolved
29398	ZCO - Added a button Open by Zimbra ID . When you click the button, a dialog opens to enter the ID. This opens the item in Outlook. Used as a support tool.

29438	Fixed issue that made Zimlet icons not display correctly
29458	Sharing now works correctly when http proxy is enabled. See New Features for 5.0.9
29475	zmcertmgr now detects and corrects line endings before concating chains
29479	Zimbra proxy. zmpoxyinit does not run against a remote server.
29544	Can now open a shared Calendar in a new window
30126	Zimbra proxy default nginx capability list now includes IDLE and AUTH=PLAIN and NAMESPACE for imapsync
30165	Fixed issues that caused java.lang.OutOfMemoryError: Direct buffer memory error.
30609	Fixed issue with the max process limits being set too low on OSX. Set to 2048 for 10.4 and 10.5. 1000 for 10.4 server. Note: OSX 10.4 and 10.5 MAC servers must be rebooted after upgrading to 5.0.9 or later from 5.0.8 or previous release.
30304	Calendar appointments now sync correctly when using Versa Mail 3.5

Major Issues Fixed for 5.0.8

To see a list of all the changes for this release, see the [Zimbra Product Portal](http://pm.zimbra.com/pm_patch.php?patch=5_0_8&status=Future&rel=5.0&relName=Franklin), (http://pm.zimbra.com/pm_patch.php?patch=5_0_8&status=Future&rel=5.0&relName=Franklin)

29706	Fixed the issue in themes that caused only the first domain custom colors and logos to display. The server name is included in cache ID so that each domain generates its own skin resources.
29600	The upgrade can fail while attempting to update LDAP if the installed certificate contains a host name not equal to the zimbra server host name. You should take the steps described in “IMPORTANT: 5.0.7 Upgrade Issue” on page 32 to prevent this.

29473	ZCO Impact. Fixed the issue in ZCS that caused the server to return conversations and tags folders in a delta sync. This could stop Outlook from syncing with the server.
29350	Calendar now displays the background color of meetings correctly: for accept (opaque), tentatively accepted (somewhat transparent), or declined (very transparent).
29277	Fixed issues with Calendar that caused meetings to disappear from shared calendars when the delegatee is invited.
28643	The ability to move between fields by tabbing now works when composing in a new window.
27213	ZCO Fixed the error that caused an SSL mismatch that set Outlook to work offline when the server closed the connection.
29596	Fixed - ICSA formatter no longer locks mailbox during socket write.
25227	CTL-Shift-b double click on a contact name, now works correctly for contacts that do not have an email address
The following Zimbra Proxy issues are fixed	
28178	Customers using SASL/GSSAPI auth will be more easily able to use this with proxy When upgrading to ZCS 5.0.9 and use Zimbra proxy, you are prompted to enter the "Bind password for Nginx ldap users." This is only required for GSSAPI auth.
29458	Sharing now works when using proxy
29124	Proxy stability improved
29380	Proxy stability improved
30126	Additional default capabilities were added to the CAPA list returned when proxy is used

Major Issues Fixed for 5.0.7

To see a list of all the changes for this release, see the [Zimbra Product Portal](http://pm.zimbra.com/pm_patch.php?patch=5_0_7&status=Future&rel=5.0&relName=Franklin), (http://pm.zimbra.com/pm_patch.php?patch=5_0_7&status=Future&rel=5.0&relName=Franklin)

20689	Microsoft Office 2007 format extensions are now supported.
21093	In the ZWC administration console Mail Feature, External POP3/IMAP access has been split into two different features, External IMAP access and External POP access. This feature has been available from the CLI beginning with 5.0.2.
24513	When using Firefox for ZWC, you can now right-click on an attachment to use the “Save as” option.
8847	Calendar - The ability to hit Search to view all resources and all locations has been added back to Calendar.
19394	Calendar. When users export their calendars, they can choose different csv formats to export into. In Preferences>Calendar>Export, the drop-down displays the list.
24926	Previously in Calendar, recurring meeting limit was hard-coded to a maximum setting. Now it can be configured. For no limitations, set all limits to 0 (zero). These are controlled by Global Config attributes. The default values are: zimbraCalendarRecurrenceMaxInstances 0 zimbraCalendarRecurrenceDailyMaxDays 730 zimbraCalendarRecurrenceWeeklyMaxWeeks 520 zimbraCalendarRecurrenceMonthlyMaxMonths 360 zimbraCalendarRecurrenceYearlyMaxYears 100 zimbraCalendarRecurrenceOtherFrequencyMaxYears 1

24926 (continued)	<p>These are set during a new install of ZCS and upgrades. When you upgrade to 5.0.7, to have users accounts set to these defaults settings, you will need to run <code>zmfixcalendtime -a all</code>. When upgrading to 5.0.7 or later, to set recurring limits other than the defaults and update the existing appointments for all accounts with these limits:</p> <ol style="list-style-type: none"> 1. Run <code>zmprov mcf <attribute></code> to set the default limits 2. Restart the server. 3. Run <code>zmfixcalendtime -a all</code> to make the change to all accounts on the server. Note: to change a single account, run <code>zmfixcalendtime -a <user></code>
26109	<p>You can now set a mix of ports for mail and proxy through the <code>zmproxyinit</code> command. In most cases this is not necessary as the ports are set during ZCS install.</p>
27565	<p>Mobile - Issues that caused the Apple iPhone to not work properly have been fixed.</p>
27725	<p>Two server/globalconfig attribute, were created as extensions for the MTA: <code>zimbraMtaSmtpdMilters</code> and <code>zimbraMtaNonSmtpdMilters</code>.</p> <p>These are used for external postfix milter programs. For more information about using these attributes, see the article, Postfix before-queue Milter support, http://www.postfix.org/MILTER_README.html</p>
27989	<p>Fixed the issued with zimbra proxy where, the <code>zimbraMailMode</code> was incorrectly set to mixed.</p>
28012	<p>Admin Console Delegated Help now opens correctly.</p>
28037	<p>Zimbra Web Client email attachments do not open when used with Safari if Safari is configured to block pop up messages. When this happens, the following error message displays, "oops! browser is blocking pop-ups." Users will need to enable pop ups to see email attachments.</p>

28056	Mobile - When a large message is partially downloaded, the mobile devices indicates that the message was partially downloaded. Users can click on the link to download the rest of the message. Note: This does not work for SmartPhones. SmartPhones display only the first 512 bytes of a message.
28083	Improvements to zmproxyinit. For new installs, two new menu options are configured, if Zimbra Proxy is not installed. Configure store for use with reverse mail proxy: Configure store for use with reverse web proxy: The default setting is FALSE. Setting them to TRUE will cause the various store specific pieces related to proxying to be set for mail and/ or Web proxy.
28085	Fixed the issue that caused the zmcertmgr to not break down the concatenated commercial cert from LDAP when installing certs.
28175	Fixed syslog setup on OpenSUSE
28456	Single Node and Mutli-node Cluster installation now includes a new final installation step for standby cluster installation. This is to enter the cluster service name. Mount points are created for this cluster service.
28497	Fixed 5.0.6 bug that made ZWC upgrades incorrectly set the openladp-data ownership to root:root.
28633	Fixes appointment reminder notification for Zimbra Web Client. The admin can run a tool to add reminder notification to accounts that do not have reminder notification for future appointments. See "Miscellaneous Important Notices" on page 9.
29038	All mail modes are supported with Zimbra Proxy. Note: See Known Issues, Bug 29380.
29386	A new menu item to track the Zimbra Proxy mailbox mode is configured during Zimbra Proxy install. The Proxy server mode can have the same values as the store server modes. (http, https, both, mixed, and redirect). See Known Issues, Bug 29380.

Major Issues Fixed for 5.0.6

19283	ZCO - With shared calendars and an invite is sent by the grantee on behalf of the grantor, the grantee is now notified. ZCO puts a reply-to header on all delegated meeting requests.
11189	Deleting an alias deletes the alias object in all cases. When adding an alias of an account or DL, alias entries that exist but point to non-existing entries are cleaned up before the alias is added.
14777	The server was sending XML back for errors which would break the Advanced ZWC client. This has been fixed.
23869	the birthday field now displays In standard Zimbra Web Client Address Book.
24066	Inline images now display in the message instead of being made into attachment links.
25845	The bug with REST import/export of calendar that caused a large space usage increase in appointments has been fixed. Note this bug particularly impacted Lightning.
25854	<ol style="list-style-type: none"> 1. Free appointments and declined appointments no longer have the same opacity when viewed in the Calendar. 2. When an meeting invitation is shown as tentative in free/busy and an invitee accepts the meeting, the meeting is displayed as if it was accepted, not a tentative meeting.
26114	When using Safari 3.1, attachments can now be sent with an email.
26432	When viewing your email in Message view, and performing a search, the first result found will now display in rich text format if users are viewing their messages in rich text.
26730	ZCO. Users can now send email using the Send To > Mail Recipient feature.
26786	Extra protections have been put into Zimbra utilities to avoid problems associated with re-writing config files when a file system is full.
27213	ZCO connection settings now close correctly. Outlook is not set to work offline when the connection is closed.

27276	The OutOfMemoryError that caused the “Map failed”... message during incremental backups has been fixed.
27428	Fixed the issue that prevented GAL results from displaying when clicking on To or Cc to address an email message.
27537	Message Queue now properly displays pop ups.
19927	A new tool is available to check for consistency between the database and blobs is available. Note that we do not generally recommend running this. This should only be run if you have reason to suspect there is a problem such as you see missing blob statement. Important: This command should not be run when the mailbox server is running!
---	Ubuntu 64 bit is now GA, beginning with 5.0.6

Major Issues Fixed for 5.0.5

5594	The Web server mode Both is no longer remapped to Mixed . Both is a valid mode.
13194	The Help systems in Zimbra Web Client and in the administration console now open correctly
14088	Logger database optimization is now default to run only once per day. The interval can be configured with localconfig key, logger_logprocess_optimize_interval , the value is in seconds.
21441	Mac OS X V10.5 (Leopard) support is introduced for Open Source ZCS (Beta)
21452	Cross mailbox search is no longer displayed for the domain admin function.
24700	Documents - Notebook templates that have been modified are saved when ZCS is upgraded to the next release.
24897	Ubuntu system file /etc/pam.d/su is modified to allow for greater system resources to be allocated to ZCS.

25246	Logging to default syslog mail facilities will be disabled beginning with new installations of 5.0.5 Existing customers that would like to reduce their log volumes can rerun zmsyslogsetup .
25370	In the admin console, the Backup status now correctly shows the latest backup for each server.
25834	ZCS upgraded Amavisd to 2.5.4
26114	Attachments are now sent with email messages when using Safari 3.1
26544	Postfix upgraded to 2.4.7
26901	ZCO -Modifying a recurring appointments from Zimbra Mobile to make an exception no longer changes to a non-recurring appointment in ZCO.
26935	zmcertmgr options have changed. New options include creatcrt and savecrt. Certs are now stored in LDAP using zimbraSSLCertificate and zimbraSSLPrivateKey

Major Issues Fixed for 5.0.4

26122	Fixed the proxy server issue where an invalid POP command could cause the proxy server to crash.
26220	Fixed the issues that caused the upgrade to 5.0.3 to fail if some people use external IMAP sync.

Major issues fixed in 5.0.3

24618	You will get an error when running a search that returns too many results. Previously, the next search would also return an error even if the search didn't return many results. That has been fixed, so subsequent searches after an error work as they should.
24791	ZCO -When a calendar is shared with view-only permissions, the shared calendar now correctly displays all appointments in the view-only calendar.
24793	The Rest interface now works for importing .csv using curl.
24519	When the zimbra proxy package is installed, the ports are set for a proxy type of configuration regardless of whether or not proxy is installed.
24066	Inline images are now rendered in the message instead of being shown as attachments.
24860	The detached compose window now opens without delay.
24537	When using Internet Explorer, popup menus now close correctly.
24048	Skins (Themes) can now be deployed when the source and destination directories are not the same. The servers must be restarted when you deploy the skin.
24562	Mailbox move now works correctly.
24829	Created default DB_CONFIG for amavisd. Also added support for a custom DB_CONFIG for amavisd. BDB with Amavis is being disabled beginning with 5.0.3.
24120	convertd failures no longer stops mail delivery.
20785	Full backups start as scheduled in the crontab.
24170	Context menus now display and close correctly.
23905	When modifying a skin, the URL link will now correctly go to the URL you specify instead of to zimbra.com.
24505	Under certain conditions IMAP copy of a draft message could crash the server. This has been fixed.
24541	Upgrading a LDAP replica no longer deletes mime tree from the LDAP master.

24507	Fixed the issue that caused the server to hang when it was unable to commit a db transaction.
24772	Outgoing messages are no longer blocked when the size of the message being sent is below the maximum message size.
25214	When logging in and selecting the mobile client, Zimbra correctly loads the mobile client.
24012	The “last Logged in” field in the admin console Accounts view now is updated when using an external LDAP.
21883	The auto generated email for the database integrity report is only sent if there is something wrong. No mail is sent if there are no issues with the database.
24231	Issues that caused the hourglass cursor to flicker endlessly when replying to messages has been fixed.
12125	Tab key support has been added to the QuickAdd dialog. The tabbing skips the time/month/day.
23450	Advanced searches can now be saved.
24946	When reading a message, you can now scroll the entire message.

Major Issues Fixed for 5.0.2

11929	ZCO messages now display correctly when AVG anti-virus software is installed.
18503	All results from the GAL now sync to Outlook.
22311	The issues that caused mailboxd to use excessive CPU have been fixed.
22468	The conf/ldap-v*.cf files are rewritten with the new LDAP password. Absence of this password caused mail delivery to stop after upgrade. See “Changes to ZCS configuration passwords” on page 30
23330	When upgrading from 4.5.x to 5.0.2, Postfix upgrades correctly.

23627	LDAP replication now works after upgrading to 5.0.2. Note: Specific upgrade procedures are required for the LDAP replica servers to go from 4.5.10 or earlier to 5.0.2. See “Upgrade Process” on page 26 .
23637	Right-clicking on a message and selecting New Filter now works.

Major Issues Fixed for 5.0.1

23196	Mailboxd updated to address the security issue that WEB-INF files were visible on the Web
19601	Poorly written LDAP clients that aborted before the results from the LDAP master server were received caused the LDAP master to hang. This has been fixed.
23253	Even if you have expired CA certs, after you upgrade to 5.0 email messages will be delivered
6388	If an EMPTY_RESPONSE exception happens when using IE, ZCS retries the request.
22961	The ldap_master_url must be in lower case. The script now automatically converts uppercase letters to lower case.
23225	Folder names with non-ASCII characters that are created in a stand alone web client now display correctly in the Zimbra Web Client.
23488	Tags can now be marked with the color orange
22981	Columns now display correctly when languages other than English are selected.
23445	Outlook 2003 IMAP connection is no longer dropped after upgrading to ZCS 5.0
23434	Mac OS 10 only. OpenLDAP library is no longer linked as part of the xcode developer product. The error displayed is Library not loaded: /usr/lib/libltdl.3.dylib

Product Documentation

Zimbra documentation is included in the installation and the pdf files can be accessed from the administration console, Help Desk page. Online help is available on the administration console and on the Zimbra Web Client. Documentation can also be found on the Zimbra web site.

Additional ZCS Components included in Download

When the Zimbra Collaboration Suite is installed, the following additional components are saved to

`http://<server>/zimbra/downloads/index.html`.

Links to these files are available from the administration console Downloads page.

- **ZCS Connector for Outlook** msi file. Zimbra recommends that users update to the latest version of ZCO that is included in this upgrade. Please see the ZCO known issues. **Important _5.0.7** - To use ZCO 5.0.7, ZCS must be at 5.0.7 or later!
- **Connector for Outlook MSI Customizer** java script file can be used to modify the ZCS Connector for Outlook msi file to include server, port, and connection information to the install script.
- **ZCS Connector for Apple iSync** .dmg file. Apple Address Book, iCal, and Microsoft Entourage data can sync with the Zimbra server.
- **ZCS Migration Wizard for Exchange** .exe file. Use the Migration Wizard .exe file to migrate Microsoft® Exchange server email accounts to the Zimbra server. Accounts from Microsoft Exchange 2000, 2003, and 5.5 can be migrated. See the ZCS Migration Wizard for Exchange Guide.
- **ZCS Migration Wizard for Lotus Domino** .exe file. Use the Migration Wizard for Domino .exe file to migrate Lotus Domino server email accounts to the Zimbra server. Accounts from Lotus Notes 6.0 or later can be migrated. See the ZCS Migration Wizard for Domino Guide.
- **Zimbra Collaboration Suite Import Wizard for Outlook** .exe file. Users can use this file to import their Outlook .pst files to the Zimbra server. See Import Wizard for Outlook Guide.

System Requirements Updates for 5.0

New operating systems supported for 5.0 includes SUSE ES10 (32 and 64 bit).

End of Life Builds

The following operating systems are no longer supported:

- Mac PPC
- SUSE ES 9
- OpenSUSE 10 (EOL for Network only)

Note: For more information about migrating from EOL versions, see the *MigrationFromEOL* wiki page, <http://wiki.zimbra.com/index.php?title=MigrationFromEOL>.

Upgrade Process

Important: Only ZCS systems at 4.5.7 or later can upgrade directly to 5.0.x. If you are running a version earlier than 4.5.7, you must first upgrade from 4.5.x to 4.5.11 before you upgrade to 5.0.x.

See “Upgrading from 4.5.6 or earlier” on page 31 and “Upgrading from 5.0.2 or earlier” on page 31 for specific details about new scripts to run during the upgrade. These scripts can be found in the /opt/zimbra/libexec/scripts on the latest 5.0.x install, or you can extract them from the core rpm package.

Note: Macintosh servers with OSX 10.4 or OSX 10.5 must be rebooted after upgrading to 5.0.9 or later from ZCS 5.0.8 or previous release.

Upgrading from 4.5.6 or earlier

If you are upgrading from 4.5.6 or earlier to 5.0.x the process to prepare and then upgrade would be as follows. Doing steps 3 and 6 before you upgrade will shorten the actual time it takes to upgrade.

1. If you have LDAP Replication Servers, you must modify each LDAP replica server before you upgrade the LDAP master server. See the instructions at “LDAP Replication Servers” on page 27. If you do not have LDAP replica servers, continue with step 2.
2. Download ZCS 4.5.11
3. Run the **migrateLargeMetadata.pl** script found in 4.5.11 to widen the metadata column before upgrading. (optional)
4. Upgrade to 4.5.11. Note: If they do not run migrateLargeMetadata.pl, the script is automatically run during the upgrade to 4.5.11.
5. Download 5.0.x.
6. Run the **migratePreWidenSizeColumns.pl** to shorten the time it takes to upgrade. (optional)
7. Upgrade to 5.0.x. Note: If you do not run migratePreWidenSizeColumns.pl, the script is automatically run during the upgrade to 5.0.x.

Upgrading from 4.5.7 through 4.5.10 to 5.0.x

If you are upgrading from 4.5.7 through 4.5.10 to 5.0.x the process to prepare and then upgrade would be as follows. Doing step 4 before you upgrade will shorten the actual time it takes to upgrade.

1. If you have LDAP Replication Servers, you must modify each LDAP replica server before you upgrade the LDAP master server. See the instructions at “LDAP Replication Servers” on page 27. If you do not have LDAP replica servers, continue with step 2.

2. Download ZCS 4.5.11.
3. Download 5.0.x.
4. Run the migratePreWidenSizeColumns.pl to shorten the time it takes to upgrade. (optional)
5. Upgrade to 5.0.x. Note: If you do not run migratePreWidenSizeColumns.pl, the script is automatically run during the upgrade to 5.0.x.

Upgrading from 4.5.11 through 5.0.2 to 5.0.x

If you are upgrading from 4.5.11 through 5.0.2 to 5.0.x the process to prepare and then upgrade would be as follows. Doing steps 2 before you upgrade will shorten the actual time it takes to upgrade.

1. Download 5.0.x.
2. Run the migratePreWidenSizeColumns.pl to shorten the time it takes to upgrade. (optional)
3. Upgrade to 5.0.x. Note: If you do not run migratePreWidenSizeColumns.pl, the script is automatically run during the upgrade to 5.0.x.

Upgrading from 5.0.3 or later to 5.0.x

Download the latest ZCS 5.0.x and run the upgrade.

Before you Upgrade

The following may need to be done before you upgrade.

LDAP Replication Servers

Important: If you have LDAP replica servers configured for ZCS, when you upgrade from 4.5.10 or earlier to 5.0, you must modify each LDAP replica server before you upgrade the LDAP master server. (Bug 23627)

The procedure is as follows:

1. To extract the zimbra.schema file from the current version, you can use the following command to find the exact path in the LDAP package.

```
# rpm -qlp
currentversionZCSinstallldappackagefullfilename.rpm | grep
zimbra.schema
```

```
# rpm -qlp zimbra-ldap-5.0.6_GA_2314.RHEL4-20080522092131.i386.rpm | grep
zimbra.schema
/opt/zimbra/openldap-latest-version/etc/openldap/schema/zimbra.schema
```

2. Run the following command to extract the file to the temp directory.

```
# rpm2cpio
currentversionZCSinstalllldappackagefullfilename.rpm | cpio
-vid ./opt/zimbra/<openldaplatest_version>/etc/openldap/
schema/zimbra.schema
# mv opt /tmp
```

```
# rpm2cpio zimbra-ldap-5.0.6_GA_2314.RHEL4-20080522092131.i386.rpm | cpio
-vid ./opt/zimbra/openldap-latest-version/etc/openldap/schema/
zimbra.schema
# mv opt /tmp
```

3. On each LDAP replica server perform the following:
 - Stop LDAP, as the zimbra user, type **ldap stop**
 - Change directories, type **cd /opt/zimbra/openldap/etc/openldap/schema/**
 - As the root user, type **mv zimbra/schema zimbra.schema.old**
 - As the root user, copy the new schema extracted in step 2 above. Type **cp /tmp/opt/zimbra/<openldaplatest_version>/etc/openldap/schema/zimbra.schema /opt/zimbra/openldap/etc/openldap/schema/**
 - As the root user, type **chmod 664 zimbra.schema**
 - Restart the server, as the zimbra user, type **ldap start**
4. Upgrade the LDAP master as described in the release notes
5. Upgrade the LDAP replicas as described in the release notes.

This procedure allows all the replica servers to properly preserve the changes made to the master during the upgrade process and allows ZCS 5.0.x non-LDAP servers to work with the 4.5.x replica servers.

See the Zimbra wiki, LDAP Replicas 4.5.x to 5.0.x, http://wiki.zimbra.com/index.php?title=LDAP_Replicas_4.5.x_to_5.0.x

Important: When performing an upgrade on servers running 32 bit RHEL 5 or FC 5, the installer may encounter a segmentation fault. No work around currently is available. Make sure you backup all configuration files before you start the upgrade! (Bug 21801)

Upgrade ZCS in a Cluster Environment

Installing the clustering feature has been integrated with the install and upgrade functionality of ZCS for 5.0.0. For Cluster upgrade instructions from go to the Product Documentation page on Zimbra.com, http://www.zimbra.com/products/documentation_additional.html. Cluster installation instructions can also be found there. **Important:** Use the correct

upgrade instructions, either upgrading from 4.5 to 5.0.x or upgrading from 5.0x to 5.0.x. Do not attempt a cluster upgrade using ZCS Cluster upgrade documentation for 4.5.

When upgrading the cluster standby nodes, the symlink must be created if it does not already exist. The command to do this is `ln -s /opt/zimbra-cluster/mountpoints/<cluster_mountpoint> /opt/zimbra` (Bug 28532)

For ZCS 5.0, the Veritas Cluster Server from Symantec is supported. In order to support Veritas clustering, some changes were made that created dependency on recent fixes to the Red Hat Cluster Suite. As a result, for clustering you must run RHEL4, Update 5. We do not support RHEL Update 3 or Update 4 for clustering.

Zimbra Database Integrity Check

Some customers have had corrupted databases prior to upgrade, and the upgrade has in some of those cases exacerbated the problem. In order to detect any corrupted databases as early as possible, we have added an optional step to check the MySQL database with **zmdbintegrityreport** prior to making any system changes. On all platforms except Mac, you are prompted to decide if you would like to run the **zmdbintegrityreport**.

Note: On the Mac this option is not available.

The **zmdbintegrityreport** can take minutes to an hour to run, depending on your system size and disk bandwidth. If you answer **NO** to running **zmdbintegrityreport** at upgrade or if you have a Mac, the first time **zmdbintegrityreport** runs post-upgrade, it will report a failure. This is due to **mysql_upgrade** not having been run yet. This first-run failure can be ignored.

New Zimbra Packages for 5.0

Beginning with 5.0, additional feature packages are included in the install script. If your ZCS environment uses Proxy, or Archiving and Discovery when you upgrade you will notice the package listed in Packages to Install list.

- Zimbra Proxy. The default to install this package is set to No. When you install/upgrade ZCS 5.0, if you want to use the proxy feature, change this to Yes.
- Zimbra Archiving - Zimbra Archiving and Discovery is an optional feature for ZCS Network Edition. This package includes the cross mailbox search functionality as well as archiving and discovery functionality. Archiving and Discovery offers the ability to store and search all messages that were delivered to or sent by ZCS. Usage of Archiving and Discovery can trigger additional mailbox license usage. Do not install this during upgrade. To find out more about this feature, contact Zimbra sales.

Changes to ZCS configuration passwords

The ZCS 5.0 configuration includes better security and audit trails by generating the following passwords:

- **LDAP Admin password.** This is the master LDAP password. This is not new, but has been renamed.
- **LDAP Root password.** This is used for internal LDAP operations.
- **LDAP Postfix password.** This is the password used by the postfix user to identify itself to the LDAP server and must be configured on the MTA server to be the same as the password on the LDAP master server.
- **LDAP Amavis password.** This is the password used by the amavis user to identify itself to the LDAP server and must be configured on the MTA server to be the same as the password on the LDAP server.
- **LDAP Replication password.** This is the password used by the LDAP replication user to identify itself to the LDAP master and must be the same as the password on the LDAP master server.

When you upgrade to 5.0, if your zimbra admin password in the config file does not match the zimbra admin password in LDAP, the upgrade will fail. There is no way to test that the zimbra admin password is correct in LDAP.(Bug 23309) If you have reason to believe that your passwords do not match, see the wiki page, http://wiki.zimbra.com/index.php?title=Setting_zimbra_admin_password_in_LDAP.

Preparing your OS

Before you upgrade ZCS, Zimbra recommends that the operating system is updated with the latest patches that have been tested with ZCS. The following have been tested for 5.0.

- RHEL4 - Red Hat Enterprise Linux ES release 4 (Nahant Update 5 and 6)
- RHEL4_64 - Red Hat Enterprise Linux AS release 4 (Nahant Update 5 and 6)
- SuSE10 - SUSE LINUX 10.0 (i586) OSS (Version 10.2)
- SLES10 - SUSE Linux Enterprise Server 10 (i586) (Version 10)
- SLES10_64 - SUSE Linux Enterprise Server 10 (x86_64) (Version 10.1)
- UBUNTU6 - Ubuntu Server 6.06.1 LTS
- RHEL5 - Red Hat Enterprise Linux Server release 5 (Tikanga)
- RHEL5_64 - Red Hat Enterprise Linux Server release 5.2 (Tikanga)
- Mac OS 10.4 Tiger
- Mac OS 10.5 (Beta)
- UBUNTU 6.06
- UBUNTU 8.04 (Beta)

Update to Supported Operating Systems

SUSE Enterprise Linux 10 (SLES10) SP1 supported with 5.0.4 and later

SUSE Enterprise Linux 10 (SLES10) is supported with 5.0.0 or later

Verify Certificates Expiration Date

ZCO 5.0.x requires a valid self-signed or commercial SSL certificate for communication between some components. The self-signed certificates that are automatically created by the ZCS install have a default expiration of 365 days.

If you have an ZCS installation that is over one year old and are using self-signed certificates, your certificates will need to be updated either prior to the upgrade or immediately following the upgrade.

After you upgrade, the following commands run as the zimbra user will regenerate the self-signed SSL certificates:

- **sudo zmcertmgr createca -new**
- **sudo zmcertmgr deployca**
- **sudo zmcertmgr deploycrt self -new**

Upgrading from 4.5.6 or earlier

To shorten the time it takes to upgrade from 4.5.6 or earlier to 5.0.x or later, you may want to run the **migrateLargeMetadata.pl** script to help incrementally apply the widening of the MySQL metadata column before you upgrade. If you do not run this script before you upgrade, the metadata column are widened as part of the ZCS upgrade, but this can increase the time it takes to upgrade.

Run this script on all Zimbra mailbox servers.

1. Before you begin, stop all ZCS processes except mysql
2. Go to the directory where **migrateLargeMetadata.pl** is located, **/opt/zimbra/libexc/scripts/**.
3. Run **migrateLargeMetadata.pl**

If you run this without options, you will see how many mailbox groups need to be upgraded and you can set the number of accounts to be processed at a time.

To update all mailbox groups, run **migrateLargeMetadata.pl -a**.

Upgrading from 5.0.2 or earlier

To shorten the time it takes to upgrade from 5.0.2 or earlier to 5.0.3 or later, you may want to run the **migratePreWidenSizeColumns.pl** script against all or a subset of mailbox groups in order to reduce the amount of downtime needed

to perform the full upgrade. Schema version 50 introduced in 5.0.3 GA widens the column size of the revision table in the ZCS database. This script can take a significant amount of time on large systems.

If you do not run this script before you upgrade, the column size of the revision table is widened as part of the ZCS upgrade, but this can increase the time it takes to upgrade.

Run this script on all Zimbra mailbox servers.

1. Before you begin, stop all ZCS processes except mysql
2. Go to the directory where `migratePreWidenSizeColumns.pl` is located, `/opt/zimbra/libexc/scripts/`.
3. Run `migratePreWidenSizeColumns.pl -g <all | N groups>`

If you run this without options, you will see how many mailbox groups need to be upgraded and you can set the number of accounts to be processed at a time.

IMPORTANT: 5.0.7 Upgrade Issue

The upgrade will fail while attempting to update LDAP if the installed certificate contains a host name not equal to the zimbra server host name. (Bug 29600)

Prevention:

If you have certs that have a hostname not equal to the zimbra server host name, before the upgrade run the following on all mailbox servers.

```
zmlocalconfig -e ssl_allow_untrusted_certs=TRUE
```

and then run

```
zmlocalconfig -e ssl_allow_mismatched_certs=TRUE.
```

Symptom:

Packages are installed and slapd is running, however, configuration provisioning fails.

zmsetup.log snip:

```
Tue Jul 1 22:10:07 2008 Global config attribute retrieved
from ldap:
zimbraCalendarRecurrenceMaxInstances=
Tue Jul 1 22:10:07 2008 *** Running as zimbra user: /opt/
zimbra/bin/zmprov -l
-- mcf zimbraCalendarRecurrenceMaxInstances 0
ERROR: service.FAILURE (system failure: ZimbraLdapContext)
(cause:
javax.net.ssl.SSLPeerUnverifiedException hostname of the
server
'zimbra.server.com' does not match the hostname in the
server's certificate.)
```

Workaround:

If you start an upgrade and find this problem, run the same localconfig as described in Prevention The steps would be as follows

1. Run, `zmlocalconfig -e ssl_allow_untrusted_certs=TRUE`
2. Run `zmlocalconfig -e ssl_allow_mismatched_certs = TRUE`
3. After applying the workaround, run `libexec/zmsetup.pl` to complete the upgrade.

If your environment requires a secure IPC working, please contact Zimbra Support or see this bug for the workaround.

Upgrade Instructions

Go to www.zimbra.com Network Edition Download page for the latest version of the software.

BACKUP BEFORE YOU BEGIN TO UPGRADE!

Before you begin the upgrade, run a full backup of the mailbox server. If there are any problems during the upgrade, you can restore to your previous version. After the upgrade, run a full backup immediately. See the Backup and Restore chapter in the Administration Guide.

When you run the install script, if ZCS is already installed, you will be asked if you want to upgrade. Follow the instructions in this release note to perform the upgrade. For additional information, refer to the installation guide.

Single-Server Upgrade Steps

Read the release notes, especially the Miscellaneous Important Notices and the Known Issues sections in this release note, before you begin.

You do not need to stop the services before upgrading. The upgrade process automatically stops and starts the services as required for the upgrade.

Important: Zimbra recommends that you run a command such as the UNIX command, Immune to Hangups (**nohup**), so that the session does not terminate before the upgrade is completed. This is important when the upgrade includes restoring a configuration that has a large number of accounts.

1. Log in as root to the Zimbra server and **cd** to the directory where the Zimbra Collaboration Suite Network Edition 5.0.9 archive tar file is saved (cd /var/tmp). Type the following commands:

tar xzvf zcs.tgz, to unpack the file

cd [zcsversionfullname], to change to the correct directory

./install.sh, to begin the upgrade installation

The upgrade script begins by checking for an existing installation and then checks for the Zimbra license. If the license is found, the number of current users and the number of user licenses is listed.

2. The Zimbra software agreement is displayed. Read this software license agreement and press **Enter**.
3. The installer checks for prerequisites. If any are missing, the upgrade stops. The installer checks for a recent backup. If one is not found, **Do you wish to continue without a backup?** is displayed. The default is **N**. If you select **N**, you exit the upgrade. Run a backup and then restart the upgrade.
4. Next, **Do you want to verify message store database integrity (Y)** is displayed. The default is Yes. This step runs `zmdbintegrityreport` to verify that the MySQL database is not corrupt before upgrading to the latest ZCS.

The `zmdbintegrityreport` can take minutes to an hour to run, depending on your system size and disk bandwidth. It is preferable that you run `zmdbintegrityreport` at the time of the ZCS upgrade. If you choose to skip this now, the `zmdbintegrityreport` will run during a regular scheduled interval after the upgrade is finished.

When the `mySQL` software versions are changed during upgrades, the underlying database tables need to be upgraded. The `zmdbintegrityreport` does this automatically during its first run and will report the changes. These are normal and should not cause alarm when upgrading.

5. When **Do you wish to upgrade? [Y]** is displayed, press **Enter** to continue. The upgrade packages are unpacked.

6. The packages are listed. The installer also lists packages that are not installed. If you want to install the packages at this time, type **Y**; otherwise press **Enter**. The upgrade checks that there is enough space to perform the upgrade. If there is not enough space, the upgrade stops.
7. When **The system will be modified. Continue? [N]** is displayed, type **Y** and press **Enter**. The Zimbra server is stopped, and the older packages are removed. The upgrade process verifies which version of ZCS is being run and proceeds to upgrade the services, restores the existing configuration files, and restarts the server. If you have a configuration with a large number of accounts created, this can take a while.
8. If you have not set the time zone, you will be asked to set it. This sets the time zone in the default COS. The time zone that should be entered is the time zone that the majority of users in the COS will be located in.
9. When **Configuration complete – press return to exit** displays, press **Enter**. The upgrade is complete.

Multi-Server Environment Upgrade Steps

Before you begin, stop all the servers in your ZCS environment. On each server, as zimbra type **zmcontrol stop**.

Important: Upgrade the servers in the following order: LDAP server, MTA server, and then mail store server. The LDAP master server should be running as you upgrade the other servers.

1. Log in as root to the Zimbra server and **cd** to the directory where the Zimbra Collaboration Suite upgrade archive tar file is saved (`cd /var/tmp`). Type the following commands:

tar xzvf zcs.tgz, to unpack the file

cd [zcsversionfullname], to change to the correct directory

./install.sh, to begin the upgrade installation

The upgrade script begins by checking for an existing installation.

2. The Zimbra software agreement is displayed. Read this software license agreement and press **Enter**.
3. The installer checks for prerequisites. If any are missing, the upgrade stops.

Mail store server - The installer checks for a recent backup. If one is not found, **Do you wish to continue without a backup?** is displayed. The default is **N**. If you select **N**, you exit the upgrade. Run a backup and then restart the upgrade.

4. When you update the mail store server, the installer displays **Do you want to verify message store database integrity (Y)** is displayed. The default is Yes. This step runs **zmbdbintegrityreport** to verify that the MySQL® database is not corrupt before upgrading to the latest ZCS.

Running **zmbdbintegrityreport** can take minutes to an hour to run, depending on your system size and disk bandwidth. It is preferable that you run **zmbdbintegrityreport** at the time of the ZCS upgrade. If you choose to skip this now, the **zmbdbintegrityreport** will run during a regular scheduled interval after the upgrade is finished.

When the mySQL software versions are changed during upgrades, the underlying database tables need to be upgraded. The **zmbdbintegrityreport** does this automatically during its first run and will report the changes. These are normal and should not cause alarm when upgrading.

5. When **Do you wish to upgrade? [Y]** is displayed, press **Enter** to continue. The upgrade packages are unpacked.

6. The packages you want to install on the server should be marked **Y**. All other packages should be marked **N**.

The upgrade checks that there is enough space to perform the upgrade. If there is not enough space, the upgrade stops.

7. When **The system will be modified. Continue?** is displayed, type **Y** and press **Enter**. The server is stopped and the older packages are removed. The upgrade process verifies which version of ZCS is being run and proceeds to upgrade the services, restores the existing configuration files, and restarts the system. If you have a configuration with a large number of accounts created, this can take a while.

Note: When upgrading the zimbra mail store, the upgrade checks for the Zimbra license. If the license is found it lists the number of current users and the number of user licenses. If it is not found, press **Enter** to continue. You can add the license later from the administrator's console.

8. When **Configuration complete – press return to exit** displays, press **Enter**. The upgrade is complete. Continue to upgrade each server.

Upgrade Steps on Mac Servers

Important: *In order to use proxy, the Zimbra proxy package must be manually installed **after** upgrading from 4.5.11 to 5.0.4.*

1. Click on the dmg file to open the file and then click **ZCS.mpkg** to open the Zimbra install package. The Apple installer opens and verifies that the server is ready to upgrade the Zimbra Collaboration Suite. To install new packages, click **Customize**. Select the new packages to install. Click **Continue**.
2. Welcome screen appears, click **Continue**.

3. The Zimbra Software License Agreement is displayed. Read the agreement and click **Continue**. A popup screen appears asking that to continue the install you must accept the terms of the license agreement. Click **Agree**.
4. Confirm the destination volume where ZCS software is installed. Click **Continue**.
5. The **Easy Install ...** dialog displays. Click **Upgrade**. A progress bar shows the Zimbra packages being upgraded, when completed, click **Close**.
6. Open the Apple Terminal and log on as **root**. Type **sudo /bin/bash**. Enter your root password, if asked.
7. Type **/opt/zimbra/libexec/zmsetup.pl** This starts the ZCS configuration upgrade. The upgrade process verifies what version of ZCS is being run and proceeds to upgrade the services to Network Edition 5.0.9, restores the existing configuration files, and restarts the system.
8. When **Configuration complete – press return to exit** displays, press **Enter**. The upgrade is complete.

To verify that a server is running, type **zmcontrol status**. Press **Enter**. The services status is displayed. All services should be running. If services are not started, type **zmcontrol start**.

Beginning with 5.0.9

(Bug 30609) Beginning with 5.0.9, upgrading to the latest version of ZCS configures **/etc/sysctl.conf** to add the correct max process limits. **kern.maxproc** is set to 2048 for 10.4 and 10.5. 1000 for 10.4 server.

Note: *These files are not updated if you have manually configured these attributes.*

All OSX 10.4 and OSX 10.5 users must reboot their Macintosh after upgrading to 5.0.9 or later from any 5.0.8 or previous release. First time installations of 5.0.9 or later on OSX 10.4 or OSX 10.5 require a reboot after installation, as well. This reboot is only necessary for the first upgrade to 5.0.9 or later. Subsequent upgrades do not require rebooting.

After the Upgrade is complete

After you completed the upgrade to 5.0, the following bullet items should be completed.

- Verify that the following passwords are correct.
 - The MTA server is configured with the bind passwords for the postfix ldap user and for the amavis ldap user. After the upgrade, verify that the LDAP master server Postfix password and Amavis password are the same passwords configured on the MTA server.

- The LDAP replication server password must match the password on the LDAP master server. After the upgrade, verify that the password is the same as configured on the master LDAP server.

To view the passwords on a server, type **zmlocalconfig -s**.

To change the passwords on a server, type **zmlocalconfig -e <attribute> <password>**

- If your self-signed SSL certificates have expired, update them. See [“Verify Certificates Expiration Date” on page 31](#).
- Upgrading from 4.5.x to 5.0 migrates the 4.5 signatures to the new 5.0 signature format but does not delete 4.5.x user signatures. After the upgrade to 5.0 is complete for all ZCS servers, you must run **migrate20071202-DeleteSignatures.pl** to delete 4.5.x signatures. This removes the 4.5.x signature style data from LDAP. (Bug 22289)

To run this script, as the zimbra user, type

/opt/zimbra/libexec/scripts/migrate20071202-DeleteSignatures.pl

- If you want users to access the new Tasks and Briefcase features, update the Class of Service configurations to enable these features.
- If your pam configuration rules disallow null passwords, you will need to define a password for the zimbra UNIX account after the upgrade. This will allow ssh key authentication for checking remote queues. (Bug 12807)
- Backups - If you modified the crontab backup entry to add -t (target) option to zmbackup, you must remove the -t option from all zmbackup lines and set the backup path in either the global config or server entry in LDAP. (**zmprov mcf zimbraBackupTarget**) (Bug 21753)

Removing current version and performing a clean install for ZCS

If you do not want to upgrade, but prefer to install ZCS Network Edition 5.0.9 as a new installation, when you run the ZCS Network Edition 5.0.9 install script, enter **N** (no) when asked “Do you wish to upgrade?”

A warning displays asking if you want to delete all existing users and mail. If you enter Yes, all users, mail, and previous files are removed before proceeding with the new installation. Refer to the installation guides for installation instructions.

Status of Your Customizations to ZCS after Upgrade

Upgrading to the newest release does not delete your accounts or change your configuration.

Configuration settings stored in LDAP and localconfig are preserved during upgrades. Any files installed by ZCS may be deprecated and/or overwritten during upgrades, removing any customizations. This includes customized themes, logo branding changes, crontab changes.

Zimlets that you customized and deployed are preserved during the upgrade. As upgrading of customized Zimlets can not be tested before the release, Zimbra recommends that you verify that your customized Zimlets work correctly after the upgrade.

All entries between the designated comments in the Zimbra crontab file are overwritten with new defaults upon upgrade. Customized backup schedules stored in the Zimbra crontab and customizations to the crontab entry outside the designated comments are preserved.

Zimbra Themes for ZCS 5.0

Because of major changes to the design of the ZCS themes for 5.0, any themes you created or customized for 4.5.x, other than just to change the skin colors, does not work.

If you changed the skin colors for an existing theme, rename the theme directory before you upgrade to 5.0. After the upgrade, change your customized theme directory name back to the original theme name to replace the directory in 5.0. If you do not rename the theme directory, the directory will be overwritten.

Beginning with 5.0.7 customers can change the logo and base colors of themes without having to customize individual themes. You can make the changes either globally or per domain. If you set the skin colors and logos globally, all themes on all domains are changed. If you set them per domain, themes on that domain are changed. If you make changes to themes at both global and domain levels, the domain values will be displayed.

This is done by modifying the following attributes:

- **zimbraSkinForegroundColor** to define the text color. This usually does not need to be changed as the default is black.
- **zimbraSkinBackgroundColor** to define the primary background color displayed in the client. This color is the background of the page. Variants of the color are used for buttons, background color of the Content and Navigation panes, tabs, and selection highlight
- **zimbraSkinSecondaryColor** to define the color for the toolbar and selection headers in the Navigation pane, and for a selected tab.
- **zimbraSkinSelectionColor** to define the color of the selected item such as a message, the clicked item from a right-click or other drop-down menus selection.

The color can be defined either by using an HTML color code number or a HEX color code number. You type the pound sign, #, and the 3 to 6 digit color code number. For example, to enter the HEX color code for black, type **#000**; to enter the HTML color code for white, enter **#FFFFFF**.

The theme colors are configured globally or by domain from the CLI with the **zmprov** command.

Global:

```
zmprov modifyConfig <attribute-name> [#HEX_or_HTMLcolorcode]
```

Domain:

```
zmprov modifyDomain <domain> <attribute-name> [#HEX_or_HTMLcolorcode]
```

Steps to change theme color by domain:

1. As the Zimbra user, type the following

```
zmprov modifyDomain <domain> <attribute>
[#HEX_or_HTMLcolorcode] <attribute>[#HEX_or_HTMLcolorcode]
```

You can change the text color, the background color, the toolbar and selected tabs color and the color used to highlight a selection in a list.

2. Stop and start the server, type

```
zmcontrol stop
zmcontrol start
```

All ZCS themes for that domain now display these colors.

Changing Logos. You can also easily add their logo information and URL by modifying these attributes.

- **zimbraSkinLogoURL.** Enter the company Web address that you want linked from the logo.
- **zimbraSkinLogoLoginBanner.** The company logo that displays on the login and splash screens for the ZWC and the ZCW administration console. The dimension of the graphic must be exactly 450 x 100.
- **zimbraSkinLogoAppBanner.** This is the company logo in the upper-left of the ZWC application and the administration console. The dimensions of the graphics must be exactly 120 x 35.

Note: *The Zimbra copyright and trademark information is not replaced on the login page.*

Your logos must be the exact size specified or the image may not display correctly. These graphic files can be saved on another server or in a directory that is not overwritten when ZCS is upgraded.

The logos are configured globally or by domain from the CLI with the `zmprov` command.

Steps to change Logo graphics and URL per domain

Note: *If the logo files are saved in the ZCS server, they must be in a sub-directory of `/opt/zimbra/jetty/webapps/zimbra`. If the logos are hosted on another machine, enter the full URL when identifying the logo.*

1. As the Zimbra user, to change the URL link, type the following

```
zmprov modifyDomain <domain> <zimbraSkinLogoURL>[http://
urlexample.com]
```

2. To change the logo that displays on the login and splash screens, type


```
zmprov modifyDomain <domain> <zimbraSkinLogoLoginBanner>[ /
zimbra/loginlogo_name.png]
```
3. To change the logo that displays on ZWC main page, type


```
zmprov modifyDomain <domain> <zimbraSkinLogoAppBanner>[ /
zimbra/bannerlogo_name.png]
```
4. Stop and start the server, type


```
zmcontrol stop
zmcontrol start
```

Note the License Policy for Logo Replacement

The Zimbra Public License does not allow removing the Zimbra logo in the Zimbra Web Client. Only Network Edition customers can replace Zimbra logos that display in the Zimbra Web Client. Therefore, only customers of the Network Edition should use these instructions. Additional information about the license usage can be found at <http://www.zimbra.com/license/index.html>.

(Bug 24164)

Known Issues

Zimbra engineering has identified a number of issues with the software, and we are actively working to resolve them. Following are the issues that are most likely to occur. All known bugs are listed in Zimbra's Bugzilla database, available on the Zimbra web site, at www.zimbra.com.

General Known Issues

Issue #	Summary
	<p>Known third-party browser issues</p> <p>Some browser issues can affect how the Zimbra administration console and Zimbra Web Client work.</p> <p>When you get a browser error, try reloading the browser to continue.</p> <ul style="list-style-type: none"> • If you use the Firefox browser, the cursor position may not be visible in the text boxes, and you have no visual feedback to continue to enter text. Even though you cannot see the cursor, type in the boxes as normal. • If mail is displayed in HTML format, you cannot select the text with the mouse.
5019	<p>If you customized Zimbra Collaboration Suite with your logo images, before you upgrade you will need to copy those logo image files to a directory outside of Zimbra. Beginning with ZCS 4.0, replacing the Zimbra logo with your company's logo is done through ZCS theme customizing feature. Detailed instructions about adding your logo after the upgrade can be found on the Zimbra Wiki Themes page.</p>

30627	When using Entourage with Mac Leopard OS, you cannot sync Entourage calendar as 10.5 iSync uses calDAV. This is a third party issue.
31080	Zimbra Web Client - Clicking the From column to sort messages in the content pane does not work.
30646	When users click OK for meeting invites received via CalDav/iCal "Notification" box, the invite is deleted from the mailbox and no accept is sent to the organizer. Users should click Reply instead of OK. Reply sends the accept email to the organizer and the notification is deleted.
7039	Sometimes when ZCS is installed on a Mac with Intel Core Duo processors, an OS X kernel panic may occur. The panic is random and irregular. This is a third-party issue. Work around is to disable one processor.
12356	Uploading a file to Documents that exceeds the maximum upload size hangs the browser. No error is displayed.
14047	The anti-spam checks will not run against mail brought in via external POP
15966	All day calendar appointments are displaying on the wrong day (a day earlier)
21484	National characters cannot be used in the Document Notebook file name.
21801	When performing an upgrade on servers running 32 bit RHEL 5 or FC 5, the installer may encounter a segmentation fault. No work around currently is available. Make sure you backup all configuration files before you start the upgrade!
24226	If you have set a custom LDAP cache size, it is reset to default on upgrade.
29065	<p>In ZCS 5.0.5, the list of default SSL ciphers allowed by ZCS mailbox server and proxy server were changed to not allow weak ciphers. This change was done in Bug 21204 at the behest of installations that use security scanners that raise an alarm when weak cipher suites are in use. However, there might be some IMAP and POP clients (eg, VersaMail/Treo) that can only work with weak cipher suites. Administrators who have users using such mail clients are advised to restore their SSL cipher suites to the old default</p> <p>Caution: The following zmprov command must be entered exactly as stated. An error in the command can cause serious server problems!</p> <p>Type:</p> <ol style="list-style-type: none"> 1. <code>zmprov mcf zimbraReverseProxySSLCiphers 'ALL:!ADH:RC4+RSA:+HIGH:+MEDIUM:+LOW:+SSLv2:+EXP'</code> 2. <code>zmpoxyctl stop</code> 2. <code>zmpoxyctl start</code>

Zimbra Connector for Outlook (ZCO)

3154	Users must perform an initial sync on the Outlook client when they log on after the Zimbra server is restored from a backup session.
4986	Searches are not saved in Outlook and search folders created in the Zimbra Web Client do not synchronize to Outlook.
8171	If you have McAfee On-Delivery E-mail Scanner option turned on, initial sync is very slow. Recommend that for the initial sync to the Zimbra server, that this option be turned off.
9474	Delegated Access - Users cannot copy delegator's Outlook folders into their mailbox.
17384	ZCO - Sometimes when you view the Send folder, the folder does not open and an "Cannot display the folder" error displays. Work around is to restart Outlook
20986	ZCO - When installing ZCO on computers with Vista and Outlook 2007, the Windows search service is not automatically stopped. Before installing ZCS, stop the Windows search service.
4007/12494	Outlook plug-ins do not work.
17509	ZCO - Any item type (message or appointment) can get duplicated with 5.0.0, 5.0.1, or 5.0.2 ZCO when used on a computer running Windows Vista or with Office 2007. When one of the duplicate items is deleted, the item is removed from the server. This is fixed in a ZCO that Zimbra will put on the support portal. If users are upgrading their ZCO's, they should use the latest ZCO file that is on the Zimbra support portal.
Zimbra Connector for Apple iSync	
16027	To sync attendees for an appointment, the user must click Send Invite in iCal, otherwise the iSync Connector is not given the attendee as data when syncing the appointment.

Bug Reporting

If you encounter problems with this software, go to <http://bugzilla.zimbra.com> to submit a bug report. Make sure to provide enough detail so that the bug can be easily duplicated. Also, to discuss issues and this software in general, please visit our community forums at <http://www.zimbra.com/forums>.

When you are reviewing a bug, you can vote for your favorite feature request or most annoying bug. Look for the link **Vote for this bug**.

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8/18/2008 Rev 3 (8/27)