



Zimbra Collaboration Server 8.0.6 Open Source Edition

Release Notes and Upgrade Instructions

This release note describes new features and enhancements that are available in the ZCS 8.0.6 Open Source release, and also includes upgrade instructions. Review the Known Issues section for a list of outstanding issues in this release before installing or upgrading.

The following sections are included in the release notes:

- [Major New Feature Enhancements for 8.0 on page 1](#)
- [General Enhancements by Bug Number on page 4](#)
- [Enhancements in 8.0.6 by Bug Number on page 4](#)
- [System Updates for 8.0 on page 9](#)
- [Major Issues Fixed for 8.0 on page 12](#)
- [Major Issues Fixed for 8.0.6 on page 12](#)
- [Security Fix for 8.0.6 on page 20](#)
- [Changes to ZCS 8.0 on page 20](#)
- [Upgrade Process on page 21](#)
- [Before You Upgrade on page 21](#)
- [Upgrade Instructions on page 24](#)
- [After the Upgrade is Complete on page 27](#)
- [Remove Current Version and Perform Clean Install of ZCS on page 29](#)
- [Status of Your Customization to ZCS after Upgrade on page 30](#)
- [Known Issues on page 31](#)
- [Product Documentation on page 36](#)
- [Bug Reporting on page 37](#)

Major New Feature Enhancements for 8.0

Zimbra Web Client Serenity User Experience

- **Streamlined User Interface.** The user interface has been completely redesigned with simplicity and ease of use being the key improvements. The Zimbra 8 interface is more streamlined so that common actions are easily discoverable and highly intuitive to use.

- **Conversation View.** In Zimbra 8 email is presented to users in a “natural” conversation view that makes reading and replying to messages convenient and intuitive. Quoted text is hidden and messages are laid out in a way that is easy for users to understand the “in-reply-to” relationship between different messages in the same email thread. Discreet links to Reply, Forward and More Actions (presented just below the email) let users respond to messages quickly and efficiently.
- **Rich Composition.** Improved composition editor allows users to craft rich text emails, with features such as paste-style support from desktop applications and the ability to include inline images bring the power of desktop word processors to email.
- **Shared Tagging.** In Zimbra 8 tagging functionality has been improved so that when items are shared users cannot only use tags to organize their data but also share these tags across applications as well as mailboxes.

Activity Stream

Activity Stream allows users extensive control over the messages that go to their Inbox. Activity Stream is intended for low priority mail that the user will get to at a later time. Users can easily set up activity stream filters that direct incoming messages to various folders (or are deleted from) based on different criteria that they can specify. For example, emails to distribution lists, feed and notifications that are not directly addressed to the user can be archived in folders that can be read when convenient.

“Graymail” filtering prevents user’s Inbox from being cluttered by legitimate but unwanted emails.

Dedicated Search Tab

A dedicated search tab is created whenever a user enters a new query in the header search box. This allows users to perform a search, navigate away from the search tab to perform another action such as compose an email, or schedule an event and then come back to the search tab to continue with the query.

Zimbra 8 provides users with a simple yet powerful search interface allowing users to perform simple actions such as quickly filter on common attributes or perform complex search queries making use of complex logical operators.

Enterprise Calendaring

Zimbra 8 provides an intuitive and sophisticated enterprise calendaring system that enables users to manage multiple calendars and provides support for advanced scheduling activities.

- **Experience improvements to time and resource suggestions.** Zimbra 8 has significantly improved the user’s experience when working with the appointment scheduling feature. Once users select attendees, Zimbra 8 can compare calendar availability and provide users with a list of suggested

meeting times. Similarly, based on meeting requirements such as the size of the room and location, Zimbra's scheduler can provide users with a list of conference facilities that fit meeting requirements.

- **Merge and split views of “Day” view** gives users the flexibility to view their different calendars (e.g. personal and work-related) either individually or overlaid on top of each other. (In other words, see a “merged” view of appointments from several different calendars in one calendar.)
- **Landscape and date range printing** provides users greater control over how calendars are printed.
- **Wizard to add external calendars** when users right-click to create new calendars. Zimbra 8 supports importing several popular calendar formats including Google and Yahoo! Calendars.

Automatic provisioning of accounts

- Accounts in Zimbra can be provisioned with attributes populated from Active Directory or another LDAP directory. Accounts can be provisioned ad hoc automatically polling for new accounts
- Dynamic distribution list support to automatically populate DL membership accounts based on account attributes

Compliance

- Litigation hold without forking the mailbox or needing to deploy additional infrastructure
- Custom folder retention and disposal policies can be enabled by IT or end user
- Administrative roles linked to Active Directory groups to enhance federated identity access and authorizations

Migration

- Multi-threaded for parallel mailbox migrations and improved scalability
- Stage and schedule migrations with improved visibility into real-time statistics and error-logging
- Migrate out of office settings to reduce migration scheduling conflicts

Redesigned Administration Console

The ZCS administration console was redesigned to make administration of ZCS easier. It starts with a Home page that has links to common tasks. The Navigation pane now separates functions into the following sections:

- **Home.** The Home page has links to many of the common tasks. Also the Help Desk link is on this page.

- **Monitor.** Server Status to view the status for all installed servers and services and server statistics, message count and volume, anti-spam and anti-virus activity, mobile sync statistics, mail queues pages can be accessed
- **Manage.** Accounts, aliases, distribution lists, and resources pages can be accessed.
- **Configure.** Class of Service (COS), domain, servers, Zimlets, administration console extensions, certificates, global settings, and voice/chat services pages can be accessed.
- **Tools and Migration.** Zimbra Utilities downloads page for the migration tools and Zimbra Connector for Outlook msi files, software updates, backup, and cross mailbox search pages can be accessed.
- **Searches.** You can create and save searches that you run frequently. A new Search page lets you create complex search queries.

General Enhancements by Bug Number

Enhancements in 8.0.6 by Bug Number

Bug Number	Description
56494	Option available when sending a meeting invite to receive an email if the invite is forwarded to people not on the invitee list.
75773	Zimbra user interface supports Safari 6 and Mac OS Lion 10.7.5.
83751	Enable Activity Stream commands are documented in the ZCS Administrator's Guide.
84019	If zmfixperms is run as the Zimbra user, it exits with an error stating "Error: must be run as root user".
84156	When performing an upgrade, if zmsetup.pl does not find a value of \$prevVersion , an error might take place and the installer gives a detailed error explanation.
84378	Upgrade instructions available for Zimbra Collaboration Appliance to Zimbra Collaboration Server.

Enhancements in 8.0.5 by Bug Number

Bug Number	Description
72424, 72425, 72683	The search feature has been enhanced for better performance.
74526	Cronjob to clean /opt/zimbra/data/amavisd/quarantine has been added.

Bug Number	Description
78322	Support for Windows 8 Mail using Zimbra Mobile Sync.
82664	<p>New local config (LC) keys to configure SMTP error limit and sleep time have been added and can be configured from the zmlocalconfig CLI.</p> <ul style="list-style-type: none"> • smtpd_hard_error_limit • smtpd_soft_error_limit • smtpd_error_sleep_time <p>Changes made to these LC key settings are carried over after upgrade.</p>

Enhancements in 8.0.4 by Bug Number

Bug Number	Description
23487	Support for CentOS 6, 64-bit (Community ENTERprise Operating System).
43696	Support for Kernel-based Virtual Machine (KVM).

Enhancements in 8.0.3 by Bug Number

Bug Number	Description
13032	Users can paste images, tables and spreadsheets into the message body of an email using Firefox/Safari/IE browsers.
74172	Mailboxes and data can be migrated between servers using native StoreManager and third party StoreManager.
76667	Blob consistency check now works with External StoreManager implementations.
77772	When using the Client Upload feature from the administrator console or running libexec/zmupdatedownload , the downloads/index.html is updated with latest client versions. Note the links on the Zimbra Utilities Downloads page are updated only after mailbox restart.
78358	Beginning with 8.0, Zimbra Web Client no longer works in an iframe. To continue to work with iframe, see Setting iframes on page 29.

Enhancements in 8.0 by Bug Number

Bug Number	Description
1108	ZWC. Users can now sort from any column in the Content pane.
1810	ZWC. Up to 63 tags can be created.

Bug Number	Description
3884, 61118	Dynamic distribution lists can be created.
5935	In conversation view, by default messages are now grouped by reference instead of by subject. When a message is replied to, it is added to a conversation thread if the reference in the header matches. If there is no reference ID in the header, the conversation is grouped by subject.
6229	Per folder message retention policy can be set. Users can right-click on a folder and in the Folder Properties dialog box set their retention policy.
58041	The administrator can set new retention policies from the administration console. Users can select the retention policy or create their own.
6111	<p>The ability to bind mailbox services to a specific bind address. As part of this enhancement, the following attributes are added to server configuration. When these are set, the specific services bind to these specific addresses. If these are not set, the services binds to all interfaces.</p> <p>zimbraMailBindAddress</p> <p>zimbraMailSSLBindAddress</p> <p>zimbraMailSSLClientCertBindAddress</p> <p>zimbraAdminBindAddress</p>
6380	You can set a maximum mailbox quota for a domain. The default for the domain mailbox quota is unlimited. The domain quota is the maximum amount of storage that can be used by all mailboxes within the domain.
7235	New users objects created in an external LDAP directory can automatically be provisioned as new mailboxes in ZCS. See Appendix B Auto-Provision New Accounts from External LDAP Directory
11524	Zimbra supports DKIM signing for outgoing email.
18815	When archiving is installed, archiving can be configured from the administration console, Configure>Class of Service, Archiving page or account's Archiving page.
23191	Support for right-to-left languages in ZWC compose.
26398	Zimbra to Zimbra free/busy interop is supported.
26645	Message deduping is enabled by default, with the COS/Account attribute zimbraPrefMessageIdDedupingEnabled=TRUE .
27211	ZWC. Calendars can be nested.
27575	ZWC. Users can enable the preference to include shared items when they do a search query. (Preferences>General, Searches section)

Bug Number	Description
28648	<p>To enable SASL mechanisms with Postfix, you can do the following. This example uses GSSAPI as the SASL mechanism:</p> <pre>zmlocalconfig -e sasl_smtpd_mech_list="PLAIN LOGIN GSSAPI" zmlocalconfig -e postfix_smtpd_sasl_security_options="noanonymous, noplaintext" zmlocalconfig -e postfix_smtpd_sasl_tls_security_options=nonanonymous</pre> <p>Allow SASL auth on port 25:</p> <pre>zmprov ms MTAHOST.somewhere.com zimbraMtaTlsAuthOnly FALSE</pre>
39402	ZWC. Ability to access and mount external calendars via CalDAV.
46222	<p>ZWC. Conversation view has been updated. Viewing from the reading pane, changes include</p> <ul style="list-style-type: none"> • Inline Reply to individual messages in the conversation. • Selecting a conversation shows all messages in the conversation. • Forwarding a conversation, send the individual messages as attachments to the forwarded message. • Action footer per message. • Draft messages are saved as part of the conversation. Draft messages display with a dotted line around them.
46359	Contact Groups sync via CardDav.
47673	Users can now use the Find Shares folder to find all items that can be shared with them. Previously a users could find only items that were shared with them by distribution lists or from specific users.
53822	Multiple GAL sync accounts can be created for the same domain. Also see Bug 64123 on page 17.
53985	Searching for a contact now supports prefix matching for any terms in a multi-phrase query. For example, searching for Jon Smith will show results for Jonathan Smith as well.
56494	When an invitation is forwarded by an invitee, the originator receives a notification.
56827	System accounts cannot be deleted and are not displayed in the accounts list on the administration console. To see a list of system accounts go to Search>Basic Attributes and select Search system accounts only .
58418	One step migration wizard has been removed from the administration console. Users can use the migration tools to run a migration. These tools are available from the administration console download page.

Bug Number	Description
59780, 54035	Administrator can click on any of the text labels in the administration console to see which Zimbra attribute is associated with the field.
61467, 61425	In the standard client, new calendar printing options were added.
61667	When an item is shared, the information is automatically published. Manual publishing of shared items is no longer required.
62230	When using the New Account Wizard, you can search an external source directory and lists to select users to provision.
62325	When a domain is renamed, the dynamic groups are correctly moved to the renamed domain.
50294, 64347, 64889	<p>External virtual accounts are created when users share Calendar or Briefcase items with an external user. A new defaultExternal COS has been added to Class of Service. The external virtual account is assigned to this COS.</p> <p>Administrators can manage these accounts from the administration console.</p>
65429	<p>Additional auth options for zmmailbox and zmsoap CLIs. zmmailbox now supports sending requests to a mailbox using admin auth token.</p>
42916, 66362	<p>End users can provision, manage and view distribution lists from their Address Book. If users have the ability to create distribution lists, the Address Book drop-down menu includes a Distribution List link.</p> <p>To enable the ability to create and manage distribution lists for all users on a domain, type</p> <pre>zmprov grr domain <domainname.com> dom <domainname.com> createDistList</pre> <p>To enable the ability to create and manage distribution lists for individual users on a domain, type</p> <pre>zmprov grr domain <domainname.com> usr <user@domainname.com> createDistList</pre>

Bug Number	Description
68505	<p>In ZCS 8.0, IPv6 is a beta release. IPv6 option can be configured during ZCS installation.</p> <p>The default is to use IPv4, unless IPv6 is configured.</p> <p>The expected way to change IP mode is by changing zimbralIPMode first, and then running libexec/zmiptool tool, e.g.:</p> <pre>\$ zmprov ms `zmhostname` zimbralIPMode ipv4 ; libexec/zmiptool ; zmcontrol restart</pre> <pre>\$ ps aux grep java grep preferIPv4Stack wc -l</pre> <p>3</p> <pre>\$ zmprov ms `zmhostname` zimbralIPMode both ; libexec/zmiptool ; zmcontrol restart</pre> <pre>\$ ps aux grep java grep preferIPv4Stack wc -l</pre> <p>0</p>
68841	Provide warning message when -l options is specified or if running the command on a non-mailbox server.
5210 11124	Shared items can be tagged and the tags displays in the shared users' lists as well.
58160 67090, 67091, 67094	Users can set their account preferences to delegate authority to another user to send messages as if came from them (Send As) or send messages on behalf of the user. When a delegated user composes a message for the user, they select the user's name in the From address drop-down menu.
57547, 35967	In the advanced client, added printing options to Calendar.
44384	Ability to configure antispam settings to bypass messages originating from internal ZWC users.
73571	Zimlets can now make GET, POST, PUT AND DELETE HTTP requests via the proxy.
74984	Djava.net.preferIPv4Stack=true is added by default. It is removed if configured ZCS for use with IPv6 networks
75763	Djava.net.preferIPv6Addresses=true is added if both IPv4 and IPv6 addresses are configured on the system

System Updates for 8.0

Network Edition supported platforms

(Bug 71339)

Platform: 64-bit is supported; 32-bit is EOL

- Red Hat Enterprise Linux 6 ACTIVE
- Red Hat Enterprise Linux 5 EOL

- Red Hat Enterprise Linux 4 EOL
- CentOS 6 ACTIVE ** NEW **
- Ubuntu 12.04 LTS ACTIVE ** NEW **
- Ubuntu 10.04 LTS DEPRECATED
- Ubuntu 8.04 LTS EOL EOL
- SUSE Linux Enterprise Server 11, SP2 and SP3 (SP3 required for 8.0.5 and later) ACTIVE (Bug 83032, 83676)
- SUSE Linux Enterprise Server 10 EOL

Open Source supported platforms

(Bug 71341)

Platform: 64-bit is supported; 32-bit is EOL

- Red Hat Enterprise Linux 6 ACTIVE
- Red Hat Enterprise Linux 5 EOL
- Red Hat Enterprise Linux 4 EOL
- CentOS 6 ACTIVE ** NEW **
- Ubuntu 12.04 LTS ACTIVE ** NEW **
- Ubuntu 10.04 LTS DEPRECATED
- Ubuntu 8.04 LTS EOL EOL
- SUSE Linux Enterprise Server 11, SP2 and SP3 (SP3 required for 8.0.5 and later) ACTIVE (Bug 83032, 83676)
- SUSE Linux Enterprise Server 10 EOL
- Debian 5 EOL
- Fedora 13 EOL
- Fedora 11 EOL

Operating Systems and Browsers supported with the Administration Console

(Bug 71346)

- Window 7 and Windows XP
 - Internet Explorer 9
 - Firefox 12
 - Safari 5.1.4
 - Chrome 19.0.1084.56 m

■ Mac "Leopard", "Snow Leopard"

- Firefox 12
- Safari 5.1.4
- Chrome 19.0.1084.52

■ RHEL, Ubuntu, SUSE

- Firefox - 3.6.17.
- Chrome - 19.0.1084.52

Zimbra Web Client (Advanced)**■ Window XP SP3, Vista and Windows 7**

- IE 8.0 and higher (IE 8 for XP, 9+ for Vista/Win7)
- Firefox (latest stable version)
- Safari (latest stable version)
- Chrome (latest stable version)

■ Mac OS X 10.5 "Leopard", 10.6 "Snow Leopard", 10.7 "Lion"

- Firefox (latest stable version)
- Safari (latest stable version)
- Chrome (latest stable version)

■ Linux (RHAT, Ubuntu, Debian, Fedora, SUSE)

- Firefox (latest stable version)
- Chrome (latest stable version)

Zimbra Web Client (Standard)**■ Window XP SP3, Vista and Windows 7**

- IE 7.0 and higher (IE 7,8 for XP, 9+ for Vista/Win7)
- Firefox (latest stable version)
- Safari (latest stable version)
- Chrome (latest stable version)

■ Mac OS X 10.5 "Leopard", 10.6 "Snow Leopard", 10.7 "Lion"

- Firefox (latest stable version)
- Safari (latest stable version)
- Chrome (latest stable version)

■ Linux (RHAT, Ubuntu, Debian, Fedora, SUSE)

- Firefox (latest stable version)

- Chrome (latest stable version)

Major Issues Fixed for 8.0

To see a list of all the changes for this release, see the Zimbra Product Portal, (http://pm.zimbra.com/pm_release.php?rel=8.0&prod=zcs)

Major Issues Fixed for 8.0.6

44540	License updates are applied to all servers.
58224	Birthday and anniversary dates display correctly in the Zimbra Web Client, regardless of the language setting.
79576	Tagged items that are shared display correctly.
79780	Work week displays correctly in calendar view.
80613	In a multi-server environment that has both master and replicas, the <code>zmprov -l</code> option falls back to the replica if the master is down.

Major Issues Fixed for 8.0.5

33593	The ZWC, Preference>Accounts, From display name field can now be disabled. When zimbraFeatureFromDisplayEnabled to FALSE the text box is not displayed.
50112	Added "received" field to zmqstat that shows IP of the original server that received the email.
75108	Mail now is delivered to accounts that have reached their quota and have zimbraMailAllowReceiveButNotSendWhenOverQuota set to TRUE
79055	Delegated user has the ability to send as or send on behalf of resource accounts.
79311	Fixed issue causing domain admins to see too many results when looking at the list of accounts.
79623	Tasks created on the Zimbra Web Client now synchronize to mobile devices. Tasks created, modified or deleted on a mobile device are correctly synchronized on the Zimbra Web Client.
80878	NIO IMAP, NIOSocketSession leaking issue fixed.
80963	Attachments can now be downloaded on Windows Phones.
80980	Deleting a large number of folders is now processed in chunks. The batch size is controlled by LC key zimbraItemActionBatchSize . The default value is 1000. This can be set at the global config level, zmprov modifyServer mc.example.com zimbraItemActionBatchSize <#> Hard delete of folders is a two stage transaction. The top level folder is emptied and then the folder and all sub-folders are removed. The batch size is controlled by LC key zimbraMailEmptyFolderBatchSize .

81501	<p>The ZCS 8 administrator console logo size information has been corrected in the customer documentation, to include:</p> <ul style="list-style-type: none"> • Company logo that displays on the login and splash screens for ZWC and the ZCS administration console. The dimension of the graphic must be exactly 300 x 30. • Small company logo in the upper-left of the ZWC application and the administration console. The dimension of the graphic must be exactly 170 x 35.
82017	Active sync of mail between Nokia Lumina with Windows 8 mobile devices and the Zimbra Web Client now works.
82201	<p>A new cronjob has been created to run nightly to check if automated updates to spam assassin are available. The command is zmsaupdate. Two LC keys are configured:</p> <ul style="list-style-type: none"> • antispam_enable_rule_updates. If TRUE, rule updates for spamassassin are automatic. • antispam_enable_restarts: If TRUE. AMAVIS restarts automatically IF there was a successful rule update.
82524	Fixed the issue which caused custom LDAP provisioning implementations not to initialize successfully.
82711	Social Zimlet connection to Facebook is working. To configure, see Using the Social Zimlet on page 30 .
82940	HTML formats now display properly in Zimbra Web Client.
83032	Support SUSE Linux Enterprise Server 11 (SLES 11) SP3.
83274	Social Zimlet connection to Twitter is working.
83482	<p>Messages are no longer lost while moving a mailbox during a zmmboxmove session.</p> <p>The zmmboxmove feature is enhanced as follows:</p> <ul style="list-style-type: none"> • If the source server does not support the new lock API that prevents data changes to the mailbox, meaning the server version is too old, an error is given at the command line stating that the source server version does not support the zmmboxmove command. • A -force option is provided at the command line. The force option overrides the source server version check and offers a warning message at the command line stating not all data may be copied from the source to the destination mailbox. The source mailbox should be manually inspected and any remaining data must be migrated manually.

Major Issues Fixed for 8.0.4

35965	Private events within shared calendars no longer show the organizer's name.
42332	Fixed the issue which caused stat-charts to not display properly.
76512	When running zmproxypurge , all aliases are purged.

77880	Support for Real-time Blackhole List (RBL) blocking using zimbraMtaRestrictionRBLs and attributes reject_rhsbl_client , reject_rhsbl_reverse_client , and reject_rhsbl_sender .
79136	Fixed the issue which caused an error when using spell check if language preference is set to Japanese.
79214	Fixed the issue which caused an error in Javac compilation for Java Server Pages (JSP).
80133	Removed insecure SSL ciphers from default proxy configuration. Existing sites are recommended to review their enabled ciphers and set zimbraReverseProxySSLCiphers to RC4:HIGH:!aNULL:!MD5:!kEDH:!AD:!SSLv2 for maximum security. Note that some clients might need to be reconfigured if they were previously using a cipher which is now disabled.
80762	Fixed the issue which caused a Language field to display as blank when selecting login options and only one language is available. The option now displays as text and not as a drop-down menu.
80813	zmblobchk no longer reports missing blobs for appointments with multiple revisions. Changes work even if multiple revisions point to the same file blob.
80895	Fixed the issue which caused autodiscovery to fail on iOS devices, due to iOS sending the request to /Autodiscover/Autodiscover.xml rather than /autodiscover/autodiscover.xml .
81104, 81105, 81106	The administration console now has the option to automatically log users out when their Zimbra Web Client tab/window/browser is closed. This forces the user to log in to their next session.
81310	New attribute zimbraMtaFallbackRelayHost is located in the administration console at Configure > Global Settings > MTA > Network and is shown as Relay MTA for external delivery.
81496	The Distribution Lists folder is displayed in the list of address book folders <i>only</i> if the attribute is set to true. The default is True, but customers such as service providers might select to set this to False to turn this feature off.
81687	The administration console supports DomainKeys Identified Mail (DKIM) as a service. Any changes to the services on the Servers page in the administration console requires a restart of the server.
82123	Resolved issue which caused deadlocks in SyncState.java.

Major Issues Fixed for 8.0.3

77971	The zmmailbox and zmsoap CLI now correctly resolve the mail store port when mail store and proxy are installed on the same host.
78902	When using Firefox or Chrome browsers, images you add to a documents in Briefcase now display correctly when the document is reopened. This does not work with Internet Explorer (bug 80092)
79198	The login page has been changed to state “Stay signed in” instead of “Remember me”.
79206	CustomLdapProvisioning can now be initialized successfully
79212	Fixed issued causing LDAP search performance with a large number of domains to be degraded.
79480	Free/Busy for appointments in 2013 now display when viewed in Exchange 2007
79571	Restoring a TGZ file no longer deletes messages when merging conversations.
79621	The proxy no longer retries HTTP POST requests. This previously caused unnecessary load on the mail store.
79926	Optimized the locking of the Provisioning object.
79984	The zmprov gaa CLI previously used paged results when querying LDAP which caused suboptimal performance.
80229	Fixed issue causing race condition when mail is received/ threading conversation while emptying trash.

Major Issues Fixed for 8.0.2

63357	Task list view fields now are updated after they are edited.
75211/ 76581/77522	Fixed issues that caused Contact lists to not sync correctly.
76700	ZCS cluster zimlet was trying to access httpOnly cookie which is no longer available after release 7.2.0. This resulted in a session expired on the administration console. The Cluster zimlet has been fixed to pass the correct parameters.
73298/ 76851/ 77472	Calendar. Issues in Calendar localized version around Reminder timer and saving appointments has been fixed.
77027	Install and Upgrade. The MTA restarts correctly after upgrade or install.
77070	PST migration. PST migration now only imports new and incremental data when Ignore previously imported items option is selected.

77836	<p>When upgrading to ZCS 8.0, upgrade disables in all of the COSs Zimlets that are not in the certified core Zimlet list.</p> <p>If non-certified Zimlets are enabled at the account level they remain enabled after the upgrade. To disable these Zimlets, the administrator must manually disable these Zimlets on all affected accounts.</p> <p>For a list of the core Zimlets go to page 20.</p>
78487/78939	<p>Tags now are migrated when moving a mailbox from 7.x to 8.0.2 directly using <code>zmmboxmove</code>.</p> <p>For mailboxes that moved from 7.x to an earlier version of 8.0, the utility provided in bug 78487 can be used.</p> <p>But if users added new tags to messages or re-tagged messages after the mailbox was moved, when this utility is run these tags are removed.</p>
78661/79204	<p>For new installs a, a settings was changed in the default mailboxd_java_options in localconfig key because the maximum PermGen size might be too low, leading to java.lang.OutOfMemoryError.</p> <p>This setting is specified in the mailboxd_java_options local config key.</p> <p>For upgrades, the setting is not changed. After upgrading, the value of mailboxd_java_options should be increased to 350m. See http://bugzilla.zimbra.com/show_bug.cgi?id=78661#c16 for a detailed example.</p>
77597	<p>Account migration undoes any benefit of message de-duplication of data on a server.</p> <p>Once all migrations are complete a new tool zmdedup can be used to reduce disk usage caused by this.</p>

Major Issues Fixed for 8.0.1

77389	Fixed potential database corruption issue with upgrade to OpenLDAP 2.4.33 or later.
77953	When upgrading from 8.0.0 to 8.0.1, an LDAP database reload is automatically performed.

Major Issues Fixed for 8.0

6830	Sorting by To works in the Sent folder, message view and in conversation view.
26573	Inline attachments are now included in reply/forwarded messages.
50123	The zimlets-extras folder has been removed from ZCS. Sample Zimlets are available from the Gallery.

51875	HSM jobs can be configured to be a specific batch size. The zimbraHsmBatchSize attribute can be configured either as a global setting or per server to specify the maximum number of items to move during a single HSM operation. The default value is 10000.
51990	ZWC. If out of office is on, users are prompted to turn it off when they sign in to their account.
52647	ZCO. Outlook's Work Offline option is now fully supported. OL2003/7: File->Work Offline OL2010: Send/Receive ribbon-> Work Offline Work Offline can be used in conjunction with Send/Receive Groups to control when connections are made to the server, and when syncs are done. This is useful for connections that are bandwidth/cost-sensitive.
53533	Autocomplete matches now work correctly for Contact Groups.
60205	zmprov. Introduced a new CLI option -r. Using this allows replacement of multi-valued attribute value. If -r is not specified, and neither +/- is provided, then the command fails.
60444	The Zimbra user objectClass has been changed to inetOrgPerson starting with ZCS 8.0. When you provision new members starting with ZCS 8.0, the object class will be inet.OrgPerson. When you upgrade from ZCS 8.0 to 8.0.x, user data will be updated to reflect this change.
60640	The Reading Pane displays on the right by default.
60880	Changed the CA time period from 365d to 1825d (5 years).
60880	Default hard coded time out for self-signed certificates is now set to five years (1825 days).
61088	The Zimbra Assistant feature is no longer available in the Zimbra Web Client
63722	When you upgrade to ZCS 8.0, the value for zimbraPrefGalAutoCompleteEnabled in the default COS is changed from FALSE to TRUE. The value for zimbraPrefGalAutoCompleteEnabled in other cos's are not changed. The default value of zimbraPrefGalAutoCompleteEnabled in newly created COS's will be TRUE.
64030	Now if dynamic lists are used, the default is to allow lists of up to 10,000 members. This can be controlled via the localconfig key postfix_virtual_alias_expansion_limit .
64123	During the initial installation of ZCS, a GAL sync account is automatically created for the default domain.
67237	Show selection checkbox for selecting email, contract, voicemail items in a list view is now disabled by default. Users will have to go to Preferences>General and select Settings to display checkboxes.

67880	<p>If the zimbra-mta service is installed, Swatch will use it for delivering messages. If it is not installed, Swatch will attempt to use the system sendmail binary for delivering messages.</p> <p>On multi-node servers that do not have zimbra-mta installed, it is necessary to ensure that there is a system sendmail binary that is correctly configured to deliver email if administrators expect swatch notifications to work.</p>
68263	<p>Created generic protocol throttle for POP3 and IMAP4 servers. The throttle will limit requests/second from a given IP and from a given account ID. The limit is enforced per-protocol; i.e. requests from POP and IMAP clients are handled separately.</p> <p>The limits are configurable in LC, with the following keys and default values:</p> <p>imap_throttle_ip_limit - default 250</p> <p>imap_throttle_acct_limit - default 250</p> <p>imap_throttle_command_limit - default 25</p> <p>pop3_throttle_ip_limit - default 200</p> <p>pop3_throttle_acct_limit - default 200</p>
68749	<p>When a domain is deleted, ZCS now deletes all its alias domains (i.e. alias domains with zimbraDomainAliasTargetId pointing to the domain being deleted.)</p>
68849	<p>On upgrade the ZCS installer automatically renames the existing admin extension com_zimbra_smime to com_zimbra_smime_cert_admin to avoid naming conflicts with the new com_zimbra_smime end user client Zimlet.</p>
69494	<p>Implement throttle for requests from an IP for LMTP service. By default, no throttling applied because the requests mostly come from internal MTAs.</p> <p>To enable, throttling for LMTP service add the hostname/IP of MTA to zimbraThrottleSafeHosts and set the LC key lmtp_throttle_ip_limit.</p>
69638	<p>Windows only issue. See the MSDN link on setting up winHTTP proxy,</p> <p>http://msdn.microsoft.com/en-us/library/windows/desktop/ms761351(v=vs.85).aspx</p>
70758	<p>Auto provisioned related attributes description and usage have been documented. The text doc is in /opt/zimbra/doc/autoprov.txt.</p>
73559	<p>Free/Busy setting now are displayed correctly on domains.</p>
74430	<p>The com_zimbra_linkedin and com_zimbra_social zimlets will be undeployed and removed when you upgrade to ZCS 8.0. These zimlets are available from the Gallery at http://gallery.zimbra.com/.</p>

74521	<p>Customers currently on ZCS 7.x upgrading to latest version of ZCS will require full re-indexing mailboxes for sort-by recipients feature to work properly.</p> <p>Without full re-indexing the mailbox, sorting by "To" field in the "Sent" folder message view will skip all the messages from the sorted results added before the upgrade.</p> <p>Note: re-indexing mailbox is an expensive operation and if this feature is NOT so required then, its NOT recommended to do mailbox re-indexing.</p>
75012	Deployments with Firefox do not update the log until the configuration is completed in some cases.
75053	<p>HTTPS by default for logon.</p> <p>This bug is marked as WORKSFORME.</p>
75152	LDAP based GALsync performance improvements.
75505	<p>In 7.x and earlier releases, the server side logging controlled in log4j.properties was automatically scanned and reloaded even when the server is running.</p> <p>In 8.0 it is now necessary to invoke zmprov rlog from the command line in order to cause log4j.properties to be reloaded while server is running.</p>
76414	<p>Index data for mailboxes is never deleted so a mailbox index can become very large over time and might be consuming excess disk space because of the large index data.</p> <p>In 8.0, a new zmprov CLI, compactIndexMailbox (cim) was created to compact index data. This command can be used to reclaim disk space when the index volume starts to become full.</p> <p>To compact a mailbox's index, type</p> <pre>zmprov cim <name@domain id> start</pre> <p>Note: Depending on the size of the mailbox and the number of deletes this might take awhile. This might require additional free space on the index directory.</p> <p>You can run this command concurrently. It is recommended to run this command during off peak hours. You cannot cancel the command once it is started.</p> <p>To see the status of index compaction on a mailbox, type</p> <pre>zmprov getIndexStats <name@domain id></pre>
76427/74430	<p>All non-default and non-certified Zimlets are disabled when upgrading to 8.0.</p> <p>The com_zimbra_linkedin and com_zimbra_social zimlets will be undeployed and removed when you upgrade to ZCS 8.0.</p> <p>These zimlets are available from the Gallery at http://gallery.zimbra.com/.</p>

Security Fixes

Security Fix for 8.0.6

A critical security vulnerability has been resolved in this maintenance release. It is recommended for customers running all previous versions to upgrade as soon as possible. This issue is being tracked in our Bugzilla system as the following:

- **Bug # 84547:** http://bugzilla.zimbra.com/show_bug.cgi?id=84547
- **Summary:** Critical Security Vulnerability
- **Affected Version:** 7.2.5 and 8.0.5 and all previous releases

To protect customers as they plan to apply this update, this bug is marked as private in our system and technical details are not publicly available.

ZCS release 8.0 includes other security fixes for previous maintenance releases.

Beta Features in ZCS 8.0

- IPv6 support is beta for 8.0. When installing ZCS, the installation menu now includes the ability to configure `zimbralPMode` to either IPv4 or IPv6. (Bug 72715)

Changes to ZCS 8.0

This section documents major changes to this release of ZCS.

- `zimbra_posixaccount` and `zimbra_samba` extensions are removed from ZCS installation. They will be available from the Zimbra Gallery, <http://gallery.zimbra.com> and be supported and maintained by the Zimbra Community. (Bug 72160)
- Zimbra Desktop will EOL in a future release of Zimbra but ZD 7.2 will be supported with Zimbra 8.0. The technology choices to provide offline access to Zimbra have expanded since the release of Zimbra Desktop 1.0.
- Extra and experimental Zimlets in `/opt/zimbra/zimlets-experimental` and `opt/zimbra/zimlets-extra` are removed from ZCS installation. The certified core Zimlets that ship with ZCS include the following.

<code>com_zimbra_phone</code>	<code>com_zimbra_url</code>
<code>com_zimbra_email</code>	<code>com_zimbra_date</code>
<code>com_zimbra_ymemoticons</code>	<code>com_zimbra_dnd</code>
<code>com_zimbra_attachmail</code>	<code>com_zimbra_attachcontacts</code>
<code>com_zimbra_srchhighlighter</code>	<code>com_zimbra_webex</code>

Note: When you upgrade to ZCS 8, other Zimlets that you have enabled are disabled. (Bug 50123)

Zimlets will be available from the Zimbra Gallery, <http://gallery.zimbra.com>. (Bug 52813)

The Social and LinkedIn Zimlets were moved to the Zimbra Gallery to be supported and maintained by the Zimbra Community.

- ZCS no longer caches content when using the proxy servlet. The attribute, **zimbraProxyCacheableContentTypes**, is deprecated. (Bug 74769)
- HTTPStoreManager is EOL in ZCS 8. ZCS 8.0 include a new StoreManager SDK for integrations with third party storage solutions.
- Zimbra Instant Messaging (IM) capabilities was removed in ZCS 8.0.
- Family Mailbox feature is removed in ZCS 8.0. See Known Issues, bug 77519 on page 40.

Zimbra Web Client UI Changes

- The default value to view the Mail tab content is Reading Pane on the right.
- Get Mail button is removed and refresh is now on the right end of the feature bar.
- The Print option is under the Actions menu.
- For advanced searches, click the magnifying glass in the Search field.
- People Search field was removed.
- Themes default has changed to Serenity.
- Briefcase is disabled by default.
- **Show selection checkbox** for selecting email, contract, voicemail items in a list view is now disabled by default.

Upgrade Process

To upgrade from 6.0.x or 7.0.x to 8.0.x, download the latest ZCS 8.0.x software and run the upgrade.

Note: Database reloads are performed on 7.x to any 8.x upgrade.

Before You Upgrade

The following might need to be done before you upgrade.

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 **zmbdbintegrityreport** prior to making any system changes. You are prompted to decide if you would like to run the **zmbdbintegrityreport**.

The **zmbdbintegrityreport** can take minutes to an hour to run, depending on your system size and disk bandwidth.

Note: *The **zmbdbintegrityreport** is run on a weekly basis from cron on all zimbra-store nodes. Large sites can opt to disable this by setting **zmlocalconfig -e zmbdbintegrityreport_disabled=TRUE**. If you choose to disable this, it is recommended that the integrity reports be run by hand during the your normal maintenance windows and prior to running any ZCS upgrades.*

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.

Red Hat Enterprise Linux OS

Beginning with ZCS 8.0, only Red Hat Enterprise Linux 6 (64) is supported. If you are running an earlier version of RHEL, make sure you install this OS before upgrading to ZCS 8.0.

SLES 11 OS only

If your OS is SUSE Linux Enterprise Server 11, we recommend you have SP3 installed (SP3 is required for 8.0.5 and later). (Bug 83032, 83676)

Verify Certificates Expiration Date

ZCS 8.0.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 in ZCS 7.2 or earlier of 365 days, beginning with ZCS 8.0 default expiration is 1825 days (5 years).

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 LDAP Replica Servers or Multi-Master Server from ZCS 8.0.0, 8.0.1, 8.0.2 to ZCS 8.0.4 and later

If you have replica servers or are in multi-master mode, you have to install the Zimbra LDAP schema specific to the release you are upgrading to onto the replica servers or onto the multi-master server before you upgrade to ZCS 8.0.4 and later. (Bug 81048)

1. On the master LDAP server, perform a software installation only of ZCS 8.0.4 or later.

```
./install.sh -s
```

2. On each replica or additional master LDAP server in MMR mode, as zimbra user:

- a. Stop the server:

```
ldap stop or zmcontrol stop
```

- b. Move the zimbra schema out of the way

```
cd /opt/zimbra/data/ldap/config/cn=config/cn=schema
```

```
mv cn={4}zimbra.ldif /opt/zimbra/data/ldap/cn={4}zimbra.ldif.dead
```

- c. Copy the schema from the master LDAP server.

```
scp root@<master>:/opt/zimbra/openldap/etc/openldap/schema/zimbra.ldif  
cn={4}zimbra.ldif
```

- d. Edit **cn={4}zimbra.ldif** to change the following two lines:

```
dn: cn=zimbra,cn=schema,cn=config -----> dn: cn={4}zimbra  
cn: zimbra -----> cn: {4}zimbra
```

- e. Start the server:

```
ldap start or zmcontrol start
```

3. On the master LDAP server run:

```
/opt/zimbra/libexec/zmsetup.pl
```

4. On each replica server run:

```
./install.sh
```

To continue the upgrade, see [Multi-Server Environment Upgrade Steps](#) on [page 25](#).

Update Default Proxy SSL Ciphers Attribute

Insecure SSL ciphers have been removed from the default proxy configuration. Existing sites are recommended to review their enabled ciphers and set **zimbraReverseProxySSLCiphers** to

RC4:HIGH:!aNULL:!MD5:!kEDH:!AD:!SSLv2 for maximum security.

Note: *Some clients might need to be reconfigured if they were previously using a cipher which is now disabled. (Bug 80133)*

If you use Zimbra Clustering

Zimbra Clustering is no longer available for ZCS 8.0. VMware provides integrated high availability between Zimbra and VMware HA for automated recovery of critical Zimbra application services and server components in the event of an application or infrastructure failure. Third party solutions such as network load balancers, storage mirroring, or OS clustering solutions like Red Hat Cluster Suite may be used in your deployment, but are not specifically tested or certified by VMware. (Bug75821)

Upgrade Instructions

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

Important: Even though the upgrade process does not delete accounts on the mailbox server, you should back up the mailbox server before you begin the upgrade. After you upgrade, you should back up your server again.

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.

Important: *Zimbra recommends that an install or upgrade session be run with a UNIX command such as “screen” to help prevent an install or upgrade session from terminating before it is completed. This is important when the upgrade includes restoring a configuration that has a large number of accounts.*

Example command usage: `screen ./install.sh`

Note: *You cannot revert to a previous ZCS release after you upgrade.*

Single-Server Upgrade Steps

Read the release notes 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.

Process

1. Log in as **root** to the Zimbra server and **cd** to the directory where the ZCS Open Source Edition 8.0.6 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 type **Y**.
3. The installer checks for prerequisites. If any are missing, the upgrade stops. Next, **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.

The `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.

4. When **Do you wish to upgrade? [Y]** is displayed, press **Enter** to continue. The upgrade packages are unpacked.
5. 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.
6. 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.
7. 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.
8. When **Configuration complete – press return to exit** displays, press **Enter**. The upgrade is complete.

Multi-Server Environment Upgrade Steps

Upgrade the servers in the following order. Update each server one at a time.

- LDAP master server. The LDAP master server must be running as you upgrade the other servers.
- LDAP replicas
- MTA servers
- Proxy servers
- Mail store servers

IMPORTANT: Certificates. If self-signed certificates are used, after the LDAP master is upgraded, the self-signed certificates must be redeployed on all remaining nodes **BEFORE** they are upgraded. If you do not do this, the upgrade will fail. Use CLI `zmcertmgr` to add the certificates. As root, type

```
/opt/zimbra/bin/zmcertmgr deploycrt self
```

Process

1. Log in as **root** to the Zimbra server and **cd** to the directory where the ZCS 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. Three software license agreements are displayed. Read these license agreements and enter **Y** for each.
3. The installer checks for prerequisites. If any are missing, the upgrade stops.
4. When you upgrade 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.

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

After the Upgrade is Complete

Important: A known issue is the administration console might report a `CSFE_SVC_ERROR` with HTTP status code 503 when viewing the HSM or indexing sections. Users experiencing this frequently might add the administrator's web browser IP address to the DOS filter whitelist. See <http://wiki.zimbra.com/wiki/DoSFilter> for details on whitelist configuration. (Bug 82384)

After you completed the upgrade, the following bullet items might need to be addressed.

- During the upgrade process, zimbra might make a binary backup of existing databases when there are major structural changes occurring to the database format for ease of downgrading. Administrators will want to clean these up once they have confirmed a successful upgrade. For LDAP servers, these backups are in `/opt/zimbra/data/ldap`, and in the form of `<dbname>.prev.$$` where `$$` is the process ID of the upgrade script. (Bug 81167)

- You should run `zmldapupgrade -b 66387` after upgrading.

Beginning with 8.0, **zimbraAllowFromAddress** attribute cannot be set for internal accounts or distribution lists. Running this script will change **zimbraAllowFromAddress** values to grants.

This step was not included into the installer-driven upgrade due to potentially long delay for sites that set **zimbraAllowFromAddress** on many accounts.

The migration command reports how many accounts had **zimbraAllowFromAddress** attribute set and how many of them needed migration. One way to verify all accounts got migrated is to run the command again. The total won't change, and the number migrated should be 0. (Bug 66387)

- If your self-signed SSL certificates have expired, update them. See [Verify Certificates Expiration Date on page 22](#).
- If you have configured the following keys, you will need to replace them as described here.

The following keys are deprecated:

`httpclient_client_connection_timeout`

`httpclient_connmgr_connection_timeout`

`httpclient_connmgr_idle_reaper_connection_timeout`

`httpclient_connmgr_idle_reaper_sleep_interval`
`httpclient_connmgr_keepalive_connections`
`httpclient_connmgr_max_host_connections`
`httpclient_connmgr_max_total_connections`
`httpclient_connmgr_so_timeout`
`httpclient_connmgr_tcp_nodelay`

and are replaced by the following keys:

`httpclient_internal_client_connection_timeout`
`httpclient_internal_connmgr_connection_timeout`
`httpclient_internal_connmgr_idle_reaper_connection_timeout`
`httpclient_internal_connmgr_idle_reaper_sleep_interval`
`httpclient_internal_connmgr_keepalive_connections`
`httpclient_internal_connmgr_max_host_connections`
`httpclient_internal_connmgr_max_total_connections`
`httpclient_internal_connmgr_so_timeout`
`httpclient_internal_connmgr_tcp_nodelay`
`httpclient_external_client_connection_timeout`
`httpclient_external_connmgr_connection_timeout`
`httpclient_external_connmgr_idle_reaper_connection_timeout`
`httpclient_external_connmgr_idle_reaper_sleep_interval`
`httpclient_external_connmgr_keepalive_connections`
`httpclient_external_connmgr_max_host_connections`
`httpclient_external_connmgr_max_total_connections`
`httpclient_external_connmgr_so_timeout`
`httpclient_external_connmgr_tcp_nodelay`

Updating your MySQL table

If you upgrading from 6.X to ZCS 8.0 or later, MySQL table upgrade is required after upgrading. If you do not upgrade MySQL, regular reports from `zmdbintegrityreport` are going to flag warnings in your MySQL table. Customers can avoid these errors in the `zmdbintegrityreport` output by executing `/opt/zimbra/libexec/scripts/migrate20100913-Mysql51.pl`. (Bug 24329, 50557)

MySQL upgrades are not automatically run during the upgrade to 8.0.x, because of the time that it takes this process to run. There is no known performance impact when running in production without doing this MySQL table upgrade.

Applying the `Mysql51.pl` script requires all Zimbra services except `mysql.server` to be stopped.

This script should be executed on all the mailstore servers where the mailboxd process is running. For a 4000 mailbox, 250 MB mailbox size, the script could take about 70 minutes to run. Customers should schedule their maintenance window accordingly.

To run the script:

1. Switch to zimbra user.

```
su - zimbra
```

2. Stop mailboxd services to avoid email communications that might cause an interruption.

```
zmmailboxdctl stop
```

3. Execute the perl script to upgrade the database tables.

```
/opt/zimbra/libexec/scripts/migrate20100913-Mysql51.pl
```

4. Start the mailboxd service.

```
zmmailboxdctl start
```

Setting iframes

Zimbra Web Client no longer works in an iframe. If you want to continue to use iframe, modify zimbra.web.xml.in. The parameter must be set to **TRUE**.

1. As zimbra user, change directories. Type

```
cd /opt/zimbra/jetty/etc
```

2. Edit the file **zimbra.web.xml.in**

3. To use iframes, in the **<filter-name>Set Header Filter</filter-name> <filter-class>com.zimbra.webClient.filters.SetHeaderFilter</filter-class>** section, add the following

```
<init-param>
```

```
  <param-name>allowInFrame</param-name>
```

```
  <param-value>true</param-value>
```

```
</init-param>
```

4. Restart ZCS.

```
zmcontrol restart
```

Remove Current Version and Perform Clean Install of ZCS

If you do not want to upgrade, but prefer to install ZCS Open Source Edition 8.0.6 as a new installation, when you run the ZCS 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 Customization 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 might be deprecated and/or overwritten during upgrades, removing any customizations. This includes customized themes, logo branding changes, and crontab changes.

Only the core Zimlets are enabled after the upgrade. Zimlets that you customized and/or deployed are preserved during the upgrade but will be disabled. As upgrading of customized Zimlets cannot be tested before the release, Zimbra recommends that you verify that your customized Zimlets work correctly before re-enabling them for your end-users after the upgrade. The core Zimlet list is on page 20.

Note: *When upgrading to ZCS 8.0.x from a previous major ZCS version, the upgrade step disables zimlets that are not the core zimlets for ZCS in all COSs. If you have enabled other zimlets at the account level, you might need to manually disable these zimlets. (Bug 77836)*

All entries between the designated comments in the Zimbra crontab file are overwritten with new defaults upon upgrade.

Changes to Customized Themes

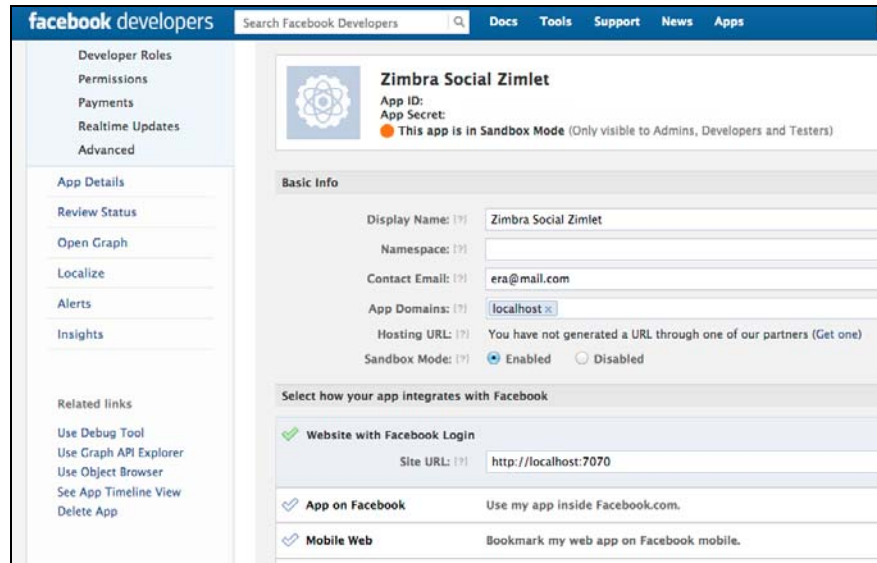
In ZCS 8.0, a new design for default skins was implemented. Custom skins created for Zimbra 7.x might not work as intended with Zimbra 8.x. Depending on what's in the skin, the issues might range from simple things such as colors being used in the wrong places to larger issues like functional components being hidden or placed in inaccessible areas of the screen. The proper fix for this is to take an existing 8.x skin, duplicate it, and update the skin to meet the same needs as the old skin. (Bug 62523)

Using the Social Zimlet

Configure the Social Zimlet in Facebook:

1. Go to the following in Facebook <https://developers.facebook.com/apps>.
2. Click **Create new App**.
3. Set up the Zimlet similar to the following screenshot:
 - Enter a **Display Name** and **Contact Email**.
 - For **App Domains**, enter the client's domain instead of localhost.

- Disable **Sandbox Mode** to allow others to use.
4. Edit the file. Copy the **App ID** and **App Secret** from the created app to the file `com_zimbra_social/config_template.xml`, to the **properties** `social_facebook_app_id` and `social_facebook_app_secret`.
 5. Build the app.
See the following screen shot.



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.

Known Issues for 8.0

Issue #	Summary
	<p>Known third-party browser issues</p> <p>Windows 8 Mail app ActiveSync and Exchange accounts have the following limitations:</p> <ul style="list-style-type: none"> • Accept/decline buttons in the meeting request mail • Cannot accept/decline a meeting from calendar • Categories not supported • Flags not supported • Drafts do not sync • Only the default folders in contacts and calendar are synced • Sub-folder creation is not supported • Sorting is always date-wise • No action can be performed on existing folders
Since 8.0.5	
83727	Contacts sub-folders and Global Address List do not sync when using an Outlook 2013 Exchange ActiveSync profile.
83736	Read receipt notifications are not received when enabled when using an Outlook 2013 Exchange ActiveSync profile.
83747	Categories and Tags are not displaying in the Zimbra Web Client when using Outlook 2013 Exchange ActiveSync.
83750	Appointment and tasks display in HTML body format in Outlook 2013 Exchange ActiveSync.
83790	Contact notes do not display in the Zimbra Web Client when using Outlook 2013 Exchange ActiveSync.
83793	Task reminders in the Zimbra Web Client do not sync when using Outlook 2013 Exchange ActiveSync.
83801	Numerous known issues when using Outlook 2013 Exchange ActiveSync.
Since 8.0.0	
75254	<p>Rolling Upgrades. Multinode configuration with self-signed certificates will not function in a rolling upgrade.</p> <p>If self-signed certificates are used, after the LDAP master is upgraded, the self-signed certificates must be redeployed on all remaining nodes before they are upgraded or the upgrade will fail.</p> <p>Workaround: Use commercial certificates with rolling upgrades.</p>
75280	Won't fix. When using the new quick reply feature to reply to a message, the original message is not added as an attachment, even if the user's preferences are set to include the original message. This is the correct behavior.
74941/75474	<p>Won't fix. Users on a mailbox server at 7.2.x cannot send a message "on-behalf-of" or "send as" for a user that is on a server upgraded to 8.0.x.</p> <p>Make sure all users sending mail on behalf of (OBO) are on ZCS 8.0</p>

75386	Won't fix. LinkedIn and Twitter Search Zimlets do not work for ZCS 8.0.
75459/75527/ 72211/75459	Rolling Upgrades. While in rolling upgrade mode, cross version sharing does not work. Users on ZCS 7.x cannot access shares on ZCS 8.0.
75553	Rolling Upgrade. While in rolling upgrade mode, cross mailbox search will not work for 7.2 or 8.0 versions from the admin console. Workaround: While in rolling upgrade mode, use the command line search across accounts. <code>/opt/zimbra/bin/zmmboxsearch -m "*" -q "test"</code>
75523	Rolling Upgrade: Address Book. While in rolling upgrade mode, contact Group members are not displayed when users on a 7.2 mailbox server share their address book with users on an 8.0.x mailbox server.
73209	Rolling Upgrade. The preauth failed request does not lockout the account with lockout setting. This works correctly when the mailbox server is upgraded.
74851	Rolling Upgrade. You cannot move an account from a later version of ZCS to an earlier version. For example, an account on a server at ZCS 8.0 cannot be moved to a ZCS server at 7.2.
74854	Rolling Upgrade. If a calendar resource is renamed while you are performing a rolling upgrade make sure the rename requests are sent to the LDAP server that has been upgraded to 8.0.x.
78321	Rolling Upgrade. While in rolling upgrade mode, admins should deploy the drag and drop zimlet for 7.x users during a rolling upgrade, as this zimlet is no longer utilized in Zimbra 8.0.x as functionality has moved into core product code.
78334	Rolling Upgrade. In Zimbra 8.0.x checklists are defaulted to off. If the behavior for users in ZCS 7.2 was to have the check list feature enabled, admins will need to change the COS settings or users can modify their preferences to maintain the same behavior.
78339	Rolling Upgrade. Even if the emoticons zimlet was enabled for accounts at 7.2.x, after the rolling upgrade this zimlet is not available in the user's Preferences page. Administrators should redeploy the zimlet. The zimlet zip file is in the <code>/opt/zimbra/zimlets</code> directory.

Previous 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.
77319	Depending on the status of a primary LDAP connection problem, the failover to another LDAP server is not working.
80613	In a multi-server environment that has both master and replicas, the <code>zmprov -l</code> option does not fallback to the replica if the master is down.
82384	The administration console might report a <code>CSFE_SVC_ERROR</code> with HTTP status code 503 when viewing the HSM or indexing sections. Users experiencing this frequently might add the administrator's web browser IP address to the DOS filter whitelist. See http://wiki.zimbra.com/wiki/DoSFilter for details on whitelist configuration.
82958	S/MIME does not work with Firefox 22.
83791	Contacts with an anniversary added to the Zimbra Web Client are unable to sync when using Outlook 2013 Exchange ActiveSync.
76843	<p>Installing Certificate from the administration console issue: If you do not have an existing .csr on the server, the Download the CSR link in the Certificate Installation Wizard does not work.</p> <p>Work around: Make sure that a .csr file is in the <code>\${zimbra_home}/mailboxd/webapps/zimbraAdmin/tmp/current.csr</code> directory before you begin. When you configure the new certificate from the administration console, make sure you check Replace the existing CSR on the Generate the Certificate Signing Request page in the certificate installation wizard.</p>
81048	If you have replica servers or are in multi-master mode, you have to install the Zimbra LDAP schema specific to the release you are upgrading to onto the replica servers or onto the multi-master server before you upgrade to ZCS 8.0.4 or later. See Upgrading LDAP Replica Servers or Multi-Master Server from ZCS 8.0.0, 8.0.1, 8.0.2 to ZCS 8.0.4 and later on page 23 .
48997	<p>Customers currently on ZCS 6.0.8 and using a non-default password change listener should make sure that the <code>zimbraPasswordChangeListener</code> attribute is set up correctly at the domain level, before upgrading to ZCS 7.x.</p> <p>To check the value of the attribute, run</p> <pre>\$ zmprov gd YOUR_DOMAIN zimbraPasswordChangeListener</pre> <p>To change the value, say, to the samba password listener, run</p> <pre>\$ zmprov md YOUR_DOMAIN zimbraPasswordChangeListener sambapassword</pre>

55174	Calendar Week Numbers displayed in the mini-calendar must be set to Monday to display the correct European week numbers.
55459	If the Short Cut Trainer zimlet is enabled, when a message is deleted a script error is displayed. To avoid this, disable this zimlet. This is not a supported zimlet.
54278	Family Mailbox was not supported in ZCS 7.X. See Changes to ZCS 8.0 on page 20 for more information.
47823	A forwarded recurring appointment instance will not update the organizer's attendee list. Therefore, if the organizer modifies the appointment, the user with the forwarded appointment will not get updated.
44540	After activating or updating a license, the administrator can run zmprov fc -a license to immediately flush the license cache on all mailbox nodes.
51641	Third-party issue. iPhone calendar might not sync correctly when declining or accepting an appointment in ZWC after the appointment has already been accepted/declined from iPhone.
60563	The Undo Send Zimlet might cause messages to be sent with no content in the body. To avoid this, disable the Zimlet.

67171	<p>The ability to completely disable SSL Renegotiation might be desirable for some environments, but due to the performance degradation it is not optimal to use as a default setting.</p> <p>The SslSelectChannelConnector can be forced to disable client renegotiate requests via the "allowRenegotiate" attribute, for said connector, in jetty.xml.in/jetty.xml.</p> <p>The default setting is allowRenegotiate=TRUE. Explicitly setting to "FALSE" will configure ZCS to always disallow SSL renegotiation for the SSL connector in question. A mailboxd restart is required for this change.</p> <p>For instance:</p> <pre><New id="ssl" class="org.eclipse.jetty.server.ssl.SslSelectChannelConnector"> <Set name="Port">%% zimbraMailSSLPort%% </Set> <Set name="allowRenegotiate">FALSE</Set> <Set name="useDirectBuffers">%% zimbraMailUseDirectBuffers%% </Set> <Set name="maxIdleTime">30000</Set> <Set name="lowResourcesMaxIdleTime">10000</Set> <Set name="Acceptors">2</Set> <Set name="keystore"><SystemProperty name="jetty.home" default="."/>etc/keystore</Set> <Set name="password">@@ mailboxd_keystore_password@@ </Set> <Set name="KeyPassword">@@ mailboxd_keystore_password@@ </Set> <Set name="ExcludeCipherSuites"> <Array type="java.lang.String"> %% zimbraSSExcludeCipherSuitesXML%% </Array> </Set> <Set name="Forwarded">true</Set> </New></pre>
69940	<p>When receiving an encrypted message with attachments, the Download, Briefcase and Remove links are not displayed, and the size of the attachment is not available.</p>
71141	<p>Zimbra logger is not directly supported in mixed syslog (rsyslog, syslogd, sysklogd) environments due to formatting differences between the varying systems.</p>

Product Documentation

Online help and ZCS documents are available on the administration console. Documentation can also be found on the Zimbra web site, and the Zimbra wiki has articles that the support team and the community have written in response to troubleshooting and administration issues.

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>.

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ZCS 8.0.6

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