Zimbra

Zimbra Collaboration Suite 6.0.1
Open Source Edition Release Notes

For the most up to date 6.0 release notes, please go to http://www.zimbra.com/community/documentation.html. The latest release notes with a list of known issues and the upgrade instructions is posted there.

This release note contains information about the changes for ZCS 6.0.1. The following sections are included:

Release Overview

This release note refers to the Zimbra Collaboration Suite Open Source Edition 6.0.1 release from Zimbra. This is a generally available (GA) release expected to run in production environments.

The Zimbra Collaboration Suite Open Source Edition 6.0.1 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.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.

Major New Features and Enhancements for 6.0

ZCS Administration and General Features

- Beta support for Fedora 11 32/64 bit releases. (Bug 25713)

- Extension blocking is now done at both the Postfix header level and at the Amavis level which scans embedded archives for blocked extensions (Bug 30889)

- zimbraSmtpHostname is now fault tolerant. (Bug 36173)

- The admin can set the number of items to display per page on ZWC to be 250, 500, 100 or more items per page. COS/Account attributes **zimbraMaxMailItemsPerPage** and **zimbraMaxContactsPerPage** is configured to specify the number. (Bug 7411)

- SpamAssassin CLI tools are now included in the ZCS distribution. Use of sa-update is not encouraged at this time because the SARE rulesemporium.com site is not being updated. (Bug 27844)

- Configuring Calendar Resources from the admin console has been enhanced to improve the user experience, including the ability to set a scheduling policy (Bug 12414)

  - Resources scheduling policy has been enhanced to let you choose one of the following options:

    - Auto accept if available, auto decline on conflict. This is fully automatic.

    - Manual accept, auto decline on conflict. Only auto-decline is enabled

    - Auto Accept always. Auto accept everything

    - No auto accept or decline. Fully manual scheduling

  Note: *If* **Auto decline all recurring appointment***s is selected, all recurring meeting requests are declined regardless of any auto decline on conflict settings that are configured.*

  (Bug 19999 and 36591)

- For new installations of 6.0, an account's creation date now shows in account information. A new LDAP generalized time attribute, **zimbraCreateTimestamp,** is added on all object types beginning with 6.0. It is set on the object entry when an object is created. (Bug 22033). See the More About ZCS 6.0 Features section for more information.

- The language preference for the locale can be set from the administration console, either as COS or in an account. This is set up in the Preferences tab. (Bug 26863)

- You can now change the default MTA value for the bounce_queue_lifetime parameter through zmlocalconfig. The default is 5-day bounce lifetime. (Bug 31413)

- The Office and Department fields in the administration console Contact Information page of accounts has been removed, as they were not used. (Bug 33971)

- When items are shared with a distribution list, users will need to ask the administrator to publish the shared items' addresses in the Shared tab of the distribution list. When new members are added to an existing distribution list with shared members, administrators can notify the new members of the items shared with the DL. (Bug 35700)

- Administrators are notified when the mailbox server disk is near full. The default is to send out warning alerts when the threshold is 85% and a critical alert when the threshold is 95%. This threshold can be configured. (Bug 16900 33010)

- Search results can be downloaded as a .csv file. When you save the results of an accounts search, the .csv file includes the mail address, the account ID, the display name, account status and COS ID, if the account is not in the default COS. The Download button is on the Search toolbar. (Bug 33978)

- Accounts can be viewed by domain in the administration console. Select a domain and click View Accounts on the toolbar. Note: you can then click Download to save the results to a .csv file. (Bug 28151)

- New account status of **Pending** can be used when new accounts are created and not yet ready to become active. (Bug 28849)

- The Logger service is completely over-hauled for 6.0. See "Changes to zmstat and Logger for 6.0" on page 16 .

  - An additional log file **/var/log/zimbra-stats.log** is automatically added via syslog.conf and the local logging facility. This is used to aggregate zimbra stats from the purpose of the new zimbra-logger. Data includes all the existing zmstats data plus the previous zimbra-logger data. (Bug 36915)

  - There is a new tab in Server Statistics that includes advanced graphing options. Also the stock graphs for **disk/mta/etc** are more dynamic and presented in a cleaner format. (Bug 34938)

  - When you generate stat charts from the admin console, you can specify start and end date for the information to be displayed. (Bug 34316)

- The content for **zmdailyreport** has been changed in 6.0. Now zmdailyreport uses an open source Postfix log summarization script called pflogsumm to generate the daily email reports. The new reports include additional information not previously included with the daily reports. (Bug 38446)

- Anonymous searches of the LDAP directory are no longer enabled beginning with 6.0. Note: anonymous searches of the directory are allowed for upgrades. See the More About ZCS 6.0 Features section for more information (Bug 15378)

- A new CLI command, **zmprov desc**, prints all attribute names. **(Bug 23920)** See the More About ZCS 6.0 Features section for more information.

- GAL sync accounts can be created. GAL sync accounts make it possible to do GAL autocomplete, search, sync without connecting to the LDAP server. GAL sync accounts are used as cache. This can be configured from the admin console when GAL is configured for a domain. (Bug 14531)

- COS and Accounts Calendar Preferences has been enhanced to expose additional calendar pref attributes. (Bug 39042)

- When a message is rejected because the attachment type is blocked by global settings, the recipient can receive a notification that the message was blocked. This is set from the administration console, Global Attachment Settings. (Bug 38533)

- OpenLDAP has been completely re-worked

  - slapd.conf(.in) no longer exists in ZCS 6.0. All slapd configuration is now in the cn=config database, and zmlocalconfig must be used to tune it. Customizations are preserved across upgrades, and far more extensive permanent customization/tuning is allowed.

    Important: All customizations made to slapd.conf in ZCS 5.0.x will not be preserved on upgrade, other than the log level setting. You will need to use the new local config keys to customize your LDAP settings post-upgrade.

    Note: If you custom tuned ZCS 5.0.x, you can keep these customizations while upgrading if you follow the upgrade wiki. <http://wiki.zimbra.com/index.php?title=Optimizing_50_to_60_LDAP_upgrade>
    All clients with large OpenLDAP databases (greater than 10,000 entries) are advised to do so.

    (Bugs 24226, 20056, 20972)

- Beginning with 6.0, the OpenLDAP data directory has been moved from **/opt/zimbra/openldap-data** to **/opt/zimbra/data/ldap/hdb**. If you put ZCS openldap-data on its own mount point , when you upgrade to 6.0, your data is migrated from the old to the new location. If you have separate mountpoints for **/opt/zimbra/openldap-data** make sure you do not exceed disk space on /opt/zimbra/. The 6.0 and later layout is as follows:

  - opt/zimbra/data/ldap/config --> Contains the configuration database for LDAP

- /opt/zimbra/data/ldap/hdb/db --> contains the primary DB

- /opt/zimbra/data/ldap/hdb/logs --> contains the logs for the primary DB

- /opt/zimbra/data/ldap/accesslog/db --> contains the accesslog DB on the master

- /opt/zimbra/data/ldap/accesslog/logs --> contains the logs for the accesslog DB on the master

For large deployments, see Performance Tuning Guidelines for Large Deployments 6.0 on the Zimbra wiki.

(Bug 17155)

- Starting in 6.0, any -Xss option specified in mailboxd_java_options will be ignored. mailboxd startup will honor mailboxd_thread_stack_size only. CLI tools will not include any Xss settings which defaults to the upper limit. (Bug 35284)

Zimbra Web Client Features

- Calendar. The attendee can select from a drop down menu to not notify the creator when they accept, decline, or tentatively accept a meeting. (Bug 38179)

- Calendar. A vertical stripe on an appointment indicates that status. Those colors represented as follows: yellow as out-of-office, white as free, orange as tentative, and brown as accepted. (Bug 13184)

- The Preferences tab-view has been moved to the Navigation pane and displays as folders. The Signatures, Accounts, and Filters folders display in the Mail folder. New folders are Sharing, and Zimlets. (Bug 35589)

- A new Preferences>Sharing folder lets users see a list of folders shared with them and folders they share with others. (Bug 7473)

- A new Preferences>Zimlets folder lets users manage the Zimlets that the system administrator enabled for their accounts. (Bug 12383)

- Users can run filter rules over existing sets of mail. They select the filters to run against existing mail and click the **Run Filter** button on the toolbar. (Bug 1112)

- Mandatory spell check of email messages can be enabled from the Preferences>Composing folder. (Bug 5460)

- Users can set up their own Junk Mail Options of whitelist and blacklist email addresses that is used to filter incoming messages. This can be done from the Preferences>Mail folder. The default maximum number of whitelist and black list addresses is 100 for each. This value can be changed from zmprov account or COS attributes **zimbraMailWhitelistMaxNumEntries** and **zimbraMailBlacklistMaxNumEntries**. (Bug 6953)

- Calendar - Users can view their calendars in a list view. In the list view, users can:

- See all the appointments in selected calendars for a two week period

- Select multiple appointments to act upon at once.

- Delete or move appointments that are on local calendars. If an appointment is recurring, they delete all appointments in the series.

- Tag appointments for local calendars

(Bug 19338)

- When a user has admin rights on a shared Calendar and an invite is sent, a copy of the meeting invite is forwarded to the admin-user's mailbox. The admin-user can accept/decline the invite from their own Inbox.(Bug 23336)

  Users can set up the email addresses to receive a copy of their invitations from their Preferences>Calendar folder. This is a multi-valued attribute. (Bug 36480)

- Users can now configure whether new appointments are added to their calendar automatically before they reply to the invite or added only when they select Accept or Tentative in the message. The default behavior is to have all appointments display in the calendar unless deleted. This preference is set from the Preferences>Calendar folder in the Automatically add received appointments to calendar field.

  Once users accept a meeting, any updates, including cancellations sent for the same meeting are auto-applied to the users calendar without approval in all options. (Bug 30990 36180)

- Users can configure their Calendar Preferences to automatically decline invites from an organizer who does not have permission to invite the receiving user. This preference is set from the Preferences>Calendar folder, Permissions, Invites section. (Bug 30990 36180)

- When composing an email message, users can flag the message for a return read receipt message. When uses compose an email they can select **Request Read Receipt** from **Options** on the toolbar. The administrator enables/disables this feature by COS or Accounts.

  When upgrading to 6.0, this feature is not enabled. This feature can be enabled from the administration console, COS/Admins Features Tab.

  For new ZCS installs this feature is enabled by default.

  Users can manage whether to send a return receipt when a message is requesting a read receipt, from their Preferences>Mail folder, Read Receipt section. (Bug 7257)

- Search. If you know where to search for an item, you can do a quick search by entering one of the search keywords followed by a colon (tag:) in the search field. The keywords are tag, in, under, is, has, type, attachment. (Bug 37737)

- Added the ability to sort by message size (Bug 10445)

- Composing a message and opening a single message now opens a new tab. Multiple tabs can be open. Users can move between tabs. When they send or cancel a composed message, the compose tab is closed. (Bug 9585)

- Users can select to view their mailbox in a three pane vertical view, with the Navigation pane on the left, the Content pane second and the Reading pane on the right. This view option is enabled from the View link on the toolbar and selecting Reading Pane On The Right. (Bug 14863)

- Logos/images can now be embedded with the HTML signature in ZWC. (Bug 25797)

- Keyboard shortcut list can be printed from the Preferences>Shortcuts folder. Clicking Ctrl+q displays the Zimbra keyboard Shortcuts list. The Shortcut tabs to create your own shortcuts have been removed. Now you can enter a shortcut directly on a page and a dialog displays the options. For instance, type "T" on the Content pane opens a Pick a tab dialog where you can either pick the tag or create a new tag. (Bug 12194)

- In the **Forward a copy to** Mail Preference field, users can specify more than one address to use. They enter a comma to separate the email addresses. The admin can set a limit to the number of forwarding addresses allowed (Bug 11299)

- Auto-complete is available from shared address books. (Bug 11141)

- The layout and fields in the Address Book contact form has been improved and the tabs have been removed. (Bug 38907)

- Standard Client major enhancements

  - Reading Pane (Bug 31759)

  - Calendar has fish eye view (Bug 33499)

  - Briefcase and Documents support (31123, 31473)

  - HTML signatures are now supported in the standard ZWC. (Bug 28314)

  - The GAL can now be searched from the Standard Client. (Bug 27615)

  - When creating a meeting, the resources are now displayed on the Add Attendees page. (Bug 37952)

- Various Task enhancements

  - Up and down arrows can be used while navigating to/from new task boxes and task lists (Bug 19080)

  - The entire task list can be printed (Bug 16456)

  - Users can select multiple tasks and print them. (Bug 31262)

  - Users can print a task that is open for edit. Users can also print an appointment in Calendar that is open for edit and a contact in Address book open for edit. (Bug 25904)

- You can now select to view tasks by status (Not started, Completed, In progress, Waiting on someone else, and Deferred) Bug 16005

- You can sync tasks from an iCal remote service. When you create a new task, check Synchronize tasks from the remote service and add the URL. (Bug 17907)

- Improvements were made to printed messages, address book and calendars to make them easier to read. (Bugs 32996)

- When printing messages, a **Font size** link displays on the page to be printed. You can increase or decrease the size of the text before you print. (Bug 17228)

Beta-quality features included with ZCS 6.0

These features included with ZCS 6.0 are considered beta quality and have known issues.

- **Zimbra to Zimbra Migration**. The migration tool, **zmztozmig**, has been developed to migrate accounts from one ZCS server to another ZCS server when moving accounts between two separate ZCS installs.

  Note: This is not the same as zmmailboxmove, where an account is moving between two mailbox server that are part of the same install and have the same LDAP master.

  Account data, including email messages, attachments, contacts, calendar, tasks and Briefcase folders for individual accounts are migrated as tar files. (Bug 30163)

  Before you migrate ZCS users to the other server, their accounts must be provisioned on the new server.

  The **zmztozmig.conf** file, in **/opt/zimbra/conf**, is the input file and is modified to include the following migration details. When the migration details have been added to zmztozmig.conf, run **zmztozmig** to migrate the files. A common log file, ztozlog*.log, is created for the complete process and separate log files are created for each account migration as well.

SourceZCSServer	Source server IP or name
SourceAdminUser	Source server admin user name
SourceAdminPwd	Source server admin password
SourceAdminPort	Source ZCS server admin port - 7071
TargetZCSServer	Destination server IP or name
TargetAdminUser	Destination server admin user name

TargetAdminPwd	Destination server admin password
TargetAdminPort	Destination ZCS server admin port- 7071
Threads	Number of accounts to be migrated simultaneously. It is recommended that you set this at a low number of threads, such as 4 and then review the source/ destination ZCS server CPU usage I/O rate and writes to disk per second. If the server has power to run more threads, you can increase the threads one at a time.
WorkingDirectory=/opt/zimbra/ data/zmztozmig/work	The directory path where the tar'd account is downloaded.
FailedDirectory=/opt/zimbra/ data/zmztozmig/failed	The directory path where tar'd account files are moved, if the account migration fails for any reason.
SuccessDirectory=/opt/zimbra/ data/zmztozmig/successes	The directory where tar'd account files are moved after successful migration, if the KeepSuccessFiles parameter is set to TRUE.
LogDirectory=/opt/zimbra/data/ zmztozmig/logs	The directory where log files are saved.
KeepSuccessFiles=FALSE	If you want to keep the downloaded tar account files after the migration, set this to TRUE. Set this to FALSE to delete the files.
DomainMap=example.com domain.tld	If accounts are migrated from one domain to another domain, specify the source domain and destination domain. For example, mysourcedomain.com mydestinationdomain.com. You can create multiple DomainMap entries if the Accounts list contains accounts from different domains.
Accounts=test@exam- ple.com,test2@example.com	Comma separated list of accounts to be migrated.
ZimbraMailTransport	This is optional. Include this entry if you want to change the ZimbraMailTransport to some other MTA.

```
usage: zmztozmig - [options]
```

--version	-v	Prints the version
--help	-h	Displays usage options for this command
--ConfigFile	-f	Config file path. The default file is /opt/zimbra/conf/zmztozmig.conf
--debug	-d	Prints verbose debug messages

- **Briefcase** Spreadsheet and Presentation functions are beta for 6.0.0.

- **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.

- **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.

Major Fixes in 6.0 Releases

To see a list of all the changes for this release, see the Zimbra Product Portal, (http://pm.zimbra.com/pm_release.php?rel=6.0)

Major Fixes in ZCS 6.0.1

40440	The Sent items folder is included in the migration from Exchange.
40454	Fixed errors that prevented some users with external mail aggregation enabled from logging into the ZWC
40759	Fixed the issue that made a shared item inaccessible if the folder is shared with a group that uses aliases or if the user had multiple addresses. This could prevent log in.
40771	Monthly events in Calendar on ZWC can be modified from Internet Explorer and from Firefox.
40797	Address Book is now accessible when upgrading to 6.0
40804	The compose window now closes after the email message is sent when keyboard shortcuts are disabled.
40808	All Debian 5 releases are recognized as Debian 5.
40926	Fixed issues with indexing that caused mailboxd to stop.

Major Fixes in ZCS 6.0

14168	Messages viewed as HTML now display in a readable size font.
15141	Folder names are correctly displayed when folders are exported with REST.
20739	You can set the required SSF of connections to force secured connections via the ldap_common_require_tls localconfig key. The value to provide is the minimum security strength to require for connections. In general, this will be 128, but it depends on the strength of your generated cert/keys. You can view your ldap log level at 256 level to see what current strength incoming connections are using.
24178	Linux users can now access documents in Briefcase as if they are accessing files on a network drive.
26022	Zimbra CLI tools now use /opt/zimbra/data/tmp as the default tmp location. MySQL tmp files are also written to this location.
26161	zimbra-attrs.xml shows which attribute changes require restarts.
27063	We now correctly populate the TO: field when a user clicks on a "mailto://" link on a web page.
27134	Unread message count shows correctly for shared folders.
27765	Calendar. Event times no longer change when users open their Calendars from a different time zone.
28623	Messages that were tagged as being in the "utf-7" charset but had content that was not correct UTF-7 were causing errors when rendering the message. This has been fixed.
30086	The preferred From address of the creator now displays when a meeting invitation is sent out. If the creator changes the account name to use, they must refresh ZWC to display the new preferred From address correctly.
31309	Now when forwarding a message, the envelope 'Sender' is the address of the account that is redirecting the message. Previously, in forwarded messages, the Sender was the original 'From' header. To change 6.0 to work as previously, you can set **zimbraMailRedirectSetEnvelopeSender** to **False**.

31510	New installs of ZCS will limit spam/ham cleanup to the first MTA installed. **zmlocalconfig -e zmtrainsa cleanup_host=TRUE** can be set to allow additional hosts to run zmtrainsa --cleanup. At least one host should have this set to TRUE.
31633	Support for X-Originating IP with nginx or other fronting proxy
32321	Beginning with 6.0, **zmprov** usage for **gaa** now requires **-l** in the command so that account information is retrieved via LDAP. **IMPORTANT**: When upgrading - If you created a script using **zmprov gaa** to retrieve all accounts, you will need to modify the script to include **-l** in the command.
32897	table_cache was increased to 1200 and innodb_open increased to 2710 for new installs. The defaults for these 6 local config items are now hard coded in zmmycnf. • **mysql_memory_percent** • **mysql_innodb_log_buffer_size** • **mysql_innodb_log_file_size** • **mysql_sort_buffer_size** • **mysql_read_buffer_size** • **mysql_table_cache**
33334	When connecting to Outlook via IMAP, using shared folders in multi-server environments no longer crashes Outlook.
33341	Added security-constraint to service web.xml when in redirect, to force SSL on internal proxied connections.
33396	Various time zone enhancement to support easier updating
33628	For ZCS 6.0 upgrades, if you are using additional schema outside what is normally shipped with ZCS, you must follow the instructions in this wiki link. http://wiki.zimbra.com/index.php?title=Installing_custom_ldap_schema_6.0 For this bug the issue was NIS and Samba schema files, but other users my be impacted as well.
33973	A new option was added the zmprov CLI to force the command to use the value of ldap_master_url when retrieving information. (zmprov -l -m)
34469	For zimbra proxy (nginx), a new server/globalconfig attribute, zimbraReverseProxyConnectTimeout has been created. The default is 120000ms (2 minutes)

35013	If you are using ModifyLDAPEntryRequest SOAP request in any of your own extensions, plugins, or utilities for ZCS, note the change to this request behavior. ModifyLDAPEntryRequest handler has been changed to act consistently with other Modify*** SOAP request handlers. Now when ModifyLDAPEntryREquest SOAP request contains an empty attribute this SOAP request results in unsetting the attribute value.
35079	Sharing a folder with a large number of grantees no longer causes a lock wait during the SyncRequest
35835	The default location of tmp files moved from **/tmp/zimbra** to **/opt/zimbra/data/tmp**. Customers with multiple mounts may want to ensure that /opt/zimbra/data/tmp has at least the same amount of free space as /tmp.
	The majority of ZCS components that require tmp space will consult the localconfig attribute zimbra_tmp_directory.
36020	JDK 1.6 is now used in ZCS
36169	When users chose to not have appointments automatically added to their calendar, iCal now correctly displays the notification and does not add the appointment to the calendar until it has been accepted/ tentative.
	Important: In order for the appointment to be added to the iCal calendar and not to Tasks, the Calendar folder must be listed above the Task folder. Users can drag and drop folders to move the Calendar to the top.
36466	Drafts are now saved in the Draft folder; not to a 'child' folder
36598	New values have been appended to the mailboxd_java_options attribute in localconfig. These options enable Zimbra to debug issues related to GC activities. • -verbose:gc • -XX:+PrintGCDetails • -XX:+PrintGCTimeStamps • -XX:+PrintGCApplicationStoppedTime
36713	Fixed issue that caused clicking on any download link to open the admin console.
37015	Documents templates now are loaded correctly for multi-node installs.

37223	Issue: Potential problem using SyncGal with multiple Gal configured.
	If a domain is configured to use an external GAL, and the external LDAP server stores operational attributes **createTimeStamp** and **modifyTimeStamp** in a format other than the standard LDAP generalized time format **yyyyMMddHHmmss'Z'** (e.g. 20090505202054Z), GAL delta sync will not return any result.
	We've seen most AD instances store them in the format of **yyyyMMddHHmmss.S'Z'** (e.g. 20090505202054.0Z).
	This is now fixed. A new domain level attribute **zimbraGalSyncTimestampFormat** is added. The default value is **yyyyMMddHHmmss'Z'**. If the LDAP server for an external GAL stores operational attributes **createTimeStamp** and **modifyTimeStamp** in a different format, the format used by the LDAP server should be configured on the domain, using JAVA SimpleDateFormat notation. e.g.
| | ```
zmprov md test.com
zimbraGalSyncTimestampFormat
"yyyyMMddHHmmss.S'Z'"
``` |
37507	Contacts load a lot faster
37539	The random connection time-outs for http proxy have been fixed.
37696	Improved tagging and folder keyboard shortcuts.
37750	When upgrading, **zimbraBatchedIndexingSize** batched indexing is enabled by default with a default of 20
37777	You can now create address books, calendars and tasks when the Mail feature is disabled.
37821	The signature default size has been increased. For new installs the default is 10240.
	For upgrades, the default is 1024.
37842	In ZCS 6.0, the concurrent mark sweep (CMS) garbage collector is configured as the garbage collection system used by Java virtual machine running the mailbox service.
	The use of this option also requires a new local config variable mailboxd_java_heap_new_size_percent which is automatically setup by the install and upgrade.
	For more details on JVM options, refer to the "Performance Tuning Guidelines for Large Deployments" article in the Zimbra Wiki.

37844	In releases prior to ZCS 6.0, the mailbox service was run using the "client" Java virtual machine. In ZCS 6.0, the default virtual machine is the "server" virtual machine. There are no "client" JVMs for 64 bit systems, so this change effectively applies only to 32 bit systems. If there are "client" JVMs in the future for 64-bit platforms, this change in ZCS 6.0 makes sure the "server" JVM is used. The "server" JVM provides better performance for server applications like the ZCS mailbox service.
38425	**zimbraPrefMailDefaultCharset** is unset by default for upgrades and new installs.
38945	Default sudo configuration (/etc/sudoers) is modified to remove requiretty settings.
39085	The location of the zimlet repository has been moved from **$JETTY/webapps/service/zimlet** directory to the **/opt/zimbra/zimlets-deployed** directory.
22819/ 36225)	When replying to or forwarding messages that are in a shared folder, users can now check a box in the compose window to have the message sent by them instead of as if the owner replied (on-behalf-of)
40575	Calendar summary cache is enabled by default for 6.0

More About ZCS 6.0 Features

The following section gives additional information about some of the new features.

Setting the Create Timestamp After Upgrading to 6.0

The attribute **zimbraCreateTimestamp** is not automatically enabled when you upgrade to 6.0. As ZCS does not use this attribute internally, setting it is optional.

Customers can use the upgrade script shipped with 6.0 to set the **zimbraCreateTimestamp** attribute on existing objects. The upgrade script should be run after the system is backed up and running.

Usage for the upgrade program as zimbra type:
```
zmjava com.zimbra.cs.account.ldap.upgrade.LdapUpgrade -b 22033
[-v] [type]
```

• The type can be: account, alias, calendarresource, config, cos, datasource, distributionlist, domain, identity, server, signature, xmppcomponent, zimlet.

• If type is omitted, all objects are included.

- If -v is specified, it will print out each DN and zimbraCreateTimestamp value that is set.

This attribute can then be viewed when you run zmprov.

Changes to zmstat and Logger for 6.0

Beginning with 6.0, the architecture of the logger service has changed. Basic changes include:

- ZCS nodes send zmstat, mailboxd and status information to the logger host using syslog.

- Logger host records information from syslog using zmlogger and records column/data information in SQLite and RRD. (The MySQL database is no longer used.)

- zmlogprocess interprets MTA information from syslog similar to the old logger service and sends it back to zmlogger to process.

- ZCS uses **/opt/zimbra/libexec/zmrrdfetch** to retrieve datapoints that are used to display real-time status and charts in the administration console.

- There is a new tab in Server Statistics that includes advanced graphing options.

- Stock graphs for message count, message volume, disk, etc. are more dynamic.

- An additional log file **/var/log/zimbra-stats.log** is automatically added via syslog.conf and the local logging facility. This is used to aggregate Zimbra stats for the purpose of the new zimbra-logger. Data includes all the existing zmstats data plus the previous zimbra-logger data.

Beginning with 6.0, the CLI, zmmsgtrace is no longer available and there is no planned replacement.

Also see the Zimbra wiki article, Logger (GnR) (http://wiki.zimbra.com/index.php?title=Logger%28GnR%29).

Anonymous Searches

For new installations of ZCS 6.0, anonymous searches of the directory are disabled. (Bug 15378) When you upgrade to 6.0, anonymous searches of the directory are enabled, matching previous release behavior.

To disable anonymous search after upgrading, on each LDAP server, as zimbra run **/opt/zimbra/libexec/zmldapanon -d**

To enable anonymous access at any point after it is disabled, on each LDAP server run **/opt/zimbra/libexec/zmldapanon -e**

Important: Enabling anonymous binds is not recommended as it may expose data not intended for anonymous access.

Printing Attribute Names with zmprov

This tool is run to list all possible attributes for accounts, domains, COS, servers, etc. The attribute description can be listed for all types.

Syntax

usage: **describe(desc) [[-v] [-ni] [{entry-type}]] | [-a {attribute-name}]**

zmprov [args] [cmd] [cmd-args ...]

An attribute name entered instead of the entry-type displays all fields in multiple rows. Valid fields for this output follows.

Valid fields

When you run a command by -a the following is displayed. The table that follows explains the content of the fields.

```
--------------
/opt/zimbra/bin>zmprov desc -a zimbraId
zimbraId
    Zimbra Systems Unique ID
             type : id
            value :
         callback :
        immutable : true
      cardinality : single
       requiredIn :
calendarResource,server,account,distributionList,xmppCompone
nt,alias,domain,cos
        optionalIn :
            flags : accountInfo
         defaults :
              min :
              max :
               id : 1
            since :
   deprecatedSince :
```

type	attribute type
	Valid entry types include: account, alias, distributionList, cos, globalConfig, domain, server, mimeEntry, zimletEntry, calendarResource, identity, dataSource, pop3DataSource, imapDataSource, rssDataSource, liveDataSource, galDataSource, signature, xmppComponent, aclTarget
value	value for enum or regex attributes

callback	class name of AttributeCallback object to invoke on changes to attribute
immutable	whether this attribute can be modified directly
cardinality	single or multi
requiredIn	comma-separated list containing classes in which this attribute is required
optionalIn	comma-separated list containing classes in which this attribute can appear
flags	attribute flags
defaults	default value on global config or default COS (for new install) and all upgraded COS's
min	min value for integers and durations. defaults to Integer.MIN_VALUE
max	max value for integers and durations, max length for strings/email, defaults to Integer.MAX_VALUE
id	leaf OID of the attribute
since	version since which the attribute had been introduced
depreSince	version since which the attribute had been deprecated
desc	description

Examples:

```
zmprov desc
```
   Print attribute name of all attributes

```
zmprov desc -v
```
   Print all fields of all attributes

```
zmprov desc account
```
   Print attribute name of all account attributes

```
zmprov desc -ni -v account
```
   Print all fields of all non-inherited account attributes,
   that is, attributes that are on account but not on COS

```
zmprov desc -ni domain
```
   Print attribute name of all non-inherited domain attributes,
   that is, attributes that are on domain but not on global config

```
zmprov desc -a zimbraId
```
   Print attribute name, description, and all properties of attribute zimbraId

```
zmprov desc account -a zimbraId
```
   This example will produce an error as you can only specify either an entry-
   type (account) or a specific attribute (-a zimbraID), not both

System Requirements Updates for 6.0

- New operating systems for Open Source 6.0 Fedora 10.

- Fedora 11 32/64 bit Release is Beta for 6.0

- Support for Debian GNU/Linux version 5.0 (Bug 34921)

Note:

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 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.

- **Zimbra Toaster** .msi file. Users can install Toaster to be notified when new email is delivered. (Beta)

New Zimbra Packages for 6.0

Beginning with 6.0, additional feature packages are included in the install script.

- **zimbra-memcached**. Beginning in 6.0, memcached is separated from zimbra-proxy. This is automatically selected when the zimbra-proxy is installed. At least one server must run zimbra-memcached when the proxy is in use. All installed zimbra-proxies can use a single memcached server. (Bug 22846)

Upgrade Process

The upgrade path to 6.0.x is ZCS systems at 5.0.2 or later can upgrade directly to 6.0.x.

If you are running a version earlier than 5.0.2, you must first upgrade to 5.0.2 or later before upgrading to ZCS 6.0.

Note: Macintosh servers with OSX 10.4 or OSX 10.5 must be rebooted after upgrading to 6.0.

Before you Upgrade

To upgrade from 5.0.2 or later to 6.0.x, download the latest ZCS 6.0.x and run the upgrade.

The following may need to be done before you upgrade.

Upgrading issue for RHEL5

Important: When performing an upgrade on servers running 32 bit RHEL 5, update 2 or earlier 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)

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.

Note: The zmdbintegrityreport is run on a weekly basis from cron on all zimbra-store nodes. Large sites can opt to disable this by setting zmlocalconfig -e zmdbintegrityreport_disabled=TRUE. If customers choose to disable this, it is recommended that the integrity reports be run by hand during the customer's 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. The following have been tested for 6.0.

- 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), SP1
- 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), Update 3
- RHEL5_64 - Red Hat Enterprise Linux Server release 5.2 (Tikanga), Update 3
- Mac OS 10.4 Tiger
- Mac OS 10.5
- UBUNTU 6.06 LTS 32-bit
- UBUNTU 6.06 LTS 64-bit
- UBUNTU 8.04 LTS 32-bit
- UBUNTU 8.04 LTS 64-bit
- Debian 4.0
- Fedora 7

Verify Certificates Expiration Date

ZCO 6.0.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**

Move Customized Theme Files Before Upgrade

Custom themes that you have installed are overwritten during the upgrade. You will need to reinstall and deploy them after the upgrade. Before the upgrade you can copy the theme files to another directory outside of /opt/zimbra.

ZCS themes that are customized to your company colors and logo are preserved during the upgrade.

OpenLDAP Changes for 6.0

All customizations made to slapd.conf in ZCS 5.0.x will not be preserved on upgrade, other than the log level setting. You will need to use the new local config keys to customize your LDAP settings post-upgrade.

> ***Note:*** *If you custom tuned ZCS 5.0.x, you can keep these customizations while upgrading if you follow the upgrade wiki. <http://wiki.zimbra.com/ index.php?title=Optimizing_50_to_60_LDAP_upgrade>*
> *All clients with large OpenLDAP databases (greater than 10,000 entries) are advised to do so.*

Do not use Domain Disclaimer Extension Admin UI in 6.0

> ***Important:*** *The community-provided "Domain Disclaimer Extension" is not compatible with ZCS 6.0. Do not upgrade to 6.0 if you run the domain disclaimer extension.*

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:*** *At the time of this writing there is a bug that causes upgrades for sites with more than 20,000 users to fail. Zimbra recommends that sites with many users contact support before going to 6.0.0 to obtain the latest information. (Bug 40648)*

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.

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 Open Source Edition 6.0.1 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. 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 it's first run and will report the changes. These are normal and should not cause alarm when upgrading.

4. When **Do you wish to upgrade? [Y] i**s 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

Before you begin, stop all the servers in your ZCS environment. To do this, 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.

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 **zmdbintegrityreport** to verify that the MySQL® database is not corrupt before upgrading to the latest ZCS.

   Running **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 it's 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.

Upgrade Steps on Mac Servers

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 Open Source Edition 6.0.1, 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.**

***Important:** Beginning with 5.0.9, upgrading to the latest version of ZCS configures **/etc/sysctl.con** 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 ZCS 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 6.0, the following bullet items may need to be addressed.

- Customizations made to slapd.conf in ZCS 5.0.x were not preserved on upgrade to 6.0, other than the log level setting. You will need to use the new local config keys to customize your LDAP settings post-upgrade.

- OpenLDAP data directory moved from **/opt/zimbra/openldap-data** to **/opt/zimbra/data/ldap/hdb**. If you put ZCS openldap-data on its own mount point when you upgrade to 6.0, your data is migrated from the old to the new location. If you have separate mountpoints for **/opt/zimbra/openldap-data** make sure you do not exceed disk space on /opt/zimbra/.

- 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 chance 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 21 .

- 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)

Upgrading new 6.0 Features

- If you want users to access the following new or beta features, these features must be enabled after the upgrade.

  - Return Receipt functionality enabled in the COS/Accounts Preferences tab, Receiving mail section.

  - For individual users, to let users that have admin rights to a shared calendar accept/decline an invite for the shared calendar from their own Inbox. See the Major New Features and Enhancements section, Bug 23336.

  - Calendar behavior for not showing new appointments on the calendar before the user replies to the invite and Calendar Preferences to automatically decline invites from an organizer who does not have permissions. See the Major New Features and Enhancements section, Bug 30990.

  - Instant Messaging (Beta). In the administration console, COS>Features tab, check the Instant Messenger box.

- Administration features for 6.0 that may need to be updated after the upgrade.

  - If you want account's creation date information, enable this feature (bug 22033) See More About ZCS 6.0 Features section.

  - Anonymous searches for the LDAP directory are enabled on upgrades, but disabled for new installs. If you want to disable this feature see More About ZCS 6.0 Features section. (Bug15378)

  - Configure GAL sync Accounts. See the ZCS Administrator Guide, Managing ZCS Configurations chapter for details. (Bug 14531)

Remove current version and performing clean ZCS install

If you do not want to upgrade, but prefer to install ZCS Open Source Edition 6.0.1 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 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 cannot 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.

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
	Known third-party browser issues
	Some browser issues can affect how the Zimbra administration console and Zimbra Web Client work.
	When you get a browser error, try reloading the browser to continue.
	• 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.
	Several issues with the Chrome browser (search for Chrome in the subject)
	Several issues with Yahoo contacts CSV import/export (search for "csv")
28481	Documentation Correction. In the Multi Server Installation Guide, Configuring LDAP Replication chapter. Disable LDAP on the Replica section should read:
	1. Enter `zmcontrol stop` to stop the Zimbra services on the server,
	2. Run the following command, as zimbra, to disable ldap service:
	`zmprov -l ms 'zmhostname' -zimbraServiceEnabled ldap`
	3. Enter `zmcontrol start` to start other current Zimbra services on the server.
40647	Changing **zimbraMailURL** to anything other than **/zimbra** breaks Zimlet loading for the administration console.

40648	Upgrade for sites with more than 20,000 users fails.
40899	Sharing an entire mailbox (as through zmmailbox) does not work. None of the folders are available.
38033	Cannot delete a shared calendar in CalDav.
30803	Mac iCal changes private events to public. This is a third-party bug. This is a known issue that is currently being investigated by their engineering.
32108	Exchange migration tool hangs after choosing user from the Object Picker. This is a third-party bug.
32985	Calendar does not resolve mid-air collision when new attendees are added while some existing attendees are accepting the invite.
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
21484	National characters cannot be used in the Document Notebook file name.
21801	When performing an upgrade on servers running 32 bit RHEL 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!

Product Documentation

Online help is available on the administration console.Documentation can also be found on the Zimbra web site in pdf and in html, 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.

6.0 Released September 2009
6.0.1 9/14/2009