
Zimbra Collaboration Server 7.2.6 Open Source Edition

Release Notes and Upgrade Instructions

This release note describes the new features and enhancements that are available in the ZCS 7.2.6 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 7.2 on page 2](#)
- [Enhancements in 7.2.6 on page 2](#)
- [System Updates for 7.2.x on page 3](#)
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Note: *If you are upgrading from 6.X, for a detailed description of the major enhancements made in ZCS 7, read the ZCS 7.0 release notes. Also review the User Interface Changes document. Both of these documents are on the [Zimbra website, Support section, http://www.zimbra.com/support/documentation/zcs-ne-documentation.html](http://www.zimbra.com/support/documentation/zcs-ne-documentation.html).*

Major New Feature Enhancements for 7.2

Enhancements in 7.2.6

- Ability to convert OpenLDAP back-hdb to OpenLDAP back-mdb. You can convert existing LDAP nodes that are using the deprecated OpenLDAP back-hdb backend to OpenLDAP back-mdb backend that is used in ZCS 8 and later. For instructions and script information, see the ZCS Administrator's Guide. (Bug 84867)

Enhancements in 7.2.5

- SUSE Linux Enterprise Server 11 SP2 and SP3 are tested and supported platforms. As of 7.2.5, SUSE Linux Enterprise Server 11 SP1 is not supported.

Upgrading from previous SUSE Linux Enterprise Server versions.

- Disable zimbra services.
- Perform OS upgrade per SUSE guidelines.
 - * For SP2, see <http://www.novell.com/support/kb/doc.php?id=7010200>
 - * For SP3, see <http://www.novell.com/support/kb/doc.php?id=7012368>
- Upgrade ZCS per the [Before You Upgrade on page 9](#) and [Upgrade Instructions on page 10](#) using the ZCS build for SUSE Linux Enterprise Server 11 SP2 or SP3.

(Bug 83676)

Enhancements in 7.2.3

- Added support for migrating data from 7.2.3 FileBlobStore to 8.0.3 (and higher) ExternalStoreManager implementations. (Bug 79636)

Enhancements in 7.2.1

- SUSE Linux Enterprise Server 11 SP2 is a tested and supported platform.

Upgrading from previous SUSE Linux Enterprise Server versions.

- Disable zimbra services.
- Perform OS upgrade per SUSE guidelines. (<http://www.novell.com/support/kb/doc.php?id=7010200>).
- Upgrade ZCS per the [Before You Upgrade on page 9](#) and [Upgrade Instructions on page 10](#) using the ZCS build for SUSE Linux Enterprise Server 11 SP2.

(Bug 71422)

- Added support for VALARM ACTION=NONE. (Bug74229)

Enhancements in 7.2

- New updates in the install include
 - Upgrading Crypt-OpenSSL-RSA to .027 (Bug 69579)
 - Upgraded to Perl Berkeley DB module 0.43 (Bug 69566)
 - Upgraded to Postfix 2.7.8 (Bug 69880)

System Updates for 7.2.x

System Updates for 7.2.5

Deprecated Platforms for Network Edition (Bug 83676)

- SUSE Linux Enterprise Server 11 SP1 (32-bit and 64-bit)

System Updates for 7.2

Deprecated Platforms for Open Source Edition (Bug 71357)

- Debian 5 (32-bit and 64-bit)
- Fedora 11 (64bit x 86)
- Fedora 13 (64-bit)
- Red Hat Enterprise Linux 4 (32bit and 64-bit)
- Red Hat Enterprise Linux 5 (32bit and 64-bit)
- SUSE Linux Enterprise Server 10 (32bit and 64-bit)
- Ubuntu 8.04 LTS (32-bit and 64-bit)

Note: *Deprecated platforms will EOL after ZCS 7.2*

Browser Support (Zimbra Web Client):

Internet Explorer 6.0 is not supported for view the Advanced Web Client. It is only supported for viewing the Standard Web Client.

Major Issues Fixed for 7.2

To see a list of all the changes for this release, see the [Zimbra Product Portal](http://pm.zimbra.com/pm_release.php?rel=7.0&prod=zcs), (http://pm.zimbra.com/pm_release.php?rel=7.0&prod=zcs)

Major Issues Fixed for 7.2.6

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.

Major Issues Fixed for 7.2.5

75108	Mail now is delivered to accounts that have reached their quota and have zimbraMailAllowReceiveButNotSendWhenOverQuota set to TRUE
79581	zmmboxmove updates volume_id differences.
82711	Social Zimlet connection to Facebook is working. To configure, see Using the Social Zimlet on page 15 .
83274	Social Zimlet connection to Twitter is working.

Major Issues Fixed for 7.2.4

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.
79136	Fixed the issue which caused an error when using spell check if language preference is set to Japanese.
79603	Fixed the issue that caused the attendee status in an appointment to not be updated, even though the invitation was accepted.

Major Issues Fixed for 7.2.3

56743/79145	Fixed issue causing items not to display or giving an error when downloading or selecting files in the sub-folders of a shared briefcase.
62727	When composing an email and selecting Always compose in new window and Add new contacts to Emailed Contacts , the recipient address now registers in Emailed Contacts correctly.
79039	Fixed issue causing Calendar resources to be double booked.
79480	Free/Busy for appointments in 2013 now display when viewed in Exchange 2007
79506	Shared calendars can now display in a separate window.
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.
80379	Fixed Brazil timezone issue affecting the week of daylight savings time.

Major Issues Fixed for 7.2.2

62321	Fixed issue that caused fresh Lion installation with Zimbra iSync Connector to duplicated iCal accounts.
63357	Task list view fields are now updated after they are edited.
70573	Mobile. The reply/reply all and forward features sent from Windows phone 7.5 now includes the original message.
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 admin 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.
77478	The fix moves the endTransaction() call into a finally block so that it is invoked regardless of error. Previously, an error during search could leave the mailbox in a locked state.

Major Issues Fixed for 7.2.1

31536	Mailbox data can be recovered from the redo log. In order to do redo replay, the server must be stopped and the account data must exist in LDAP. If the account does not exist in LDAP, it must be re-provisioned before redo replay can restore the mailbox data. \$ zmplayredo --logfiles <fileName> \$ zmplayredo --fromTime <'YYY/MM/DD 00:00:00:000'>
65475	Quarantined email is retained for 30 days not 7 days.
66270	For examples of the correct XML elements to configure for use with the account migration wizard from the administration console see XML Examples for use with the Account Migration Wizard from the Administration Console on page 18.
69811	The Preference tab that displays in the ZWC, standard version has been localized for Japanese.
73298	Time reminders now display correctly in localized languages for calendar events.
73712	Fixed issues that caused the cursor to be unresponsive to clicks of buttons when composing.

73753	Fixed issue that prevented moving Calendar events while using Chrome or Firefox.
74641	Exchange 2010 Free/Busy Interop now accounts for daylight saving time.

Major Fixes in 7.2

41078	<p>zmmsgtrace replacement was added to 7.1.1 and is GA in 7.2. This is zmmsgtrace: version 1.05. Description follows.</p> <p>Usage:</p> <pre>zmmsgtrace [options] [<mail-syslog-file>...]</pre> <pre>--id i "msgid" # case sensitive regex --sender s "user@domain" # case insensitive regex --recipient r "user@domain" # case insensitive regex --srchost F "hostname_or_ip" # case insensitive regex --desthost D "hostname_or_ip" # case insensitive regex --time t "start_ts,end_ts" # YYYYMM[DD[HH[MM[SS]]]] --year "YYYY" # file year if no YYYY in file --nosort # do not sort @ARGV files by mtime --debug verbose output useful for debugging --help display a brief help message --man display the entire man page</pre> <p>Where:</p> <p><mail-syslog-file> defaults to "/var/log/zimbra.log"</p> <p>Files ending in '.gz', '.bz' or '.bz2' will be read using gzip or bunzip2.</p>
44587	Added support for charset iso-8859-8-i
50606	When users use QuickAdd to create an appointment, users are notified if a location they select is restricted.
56930	Issue with the browser menu not displaying correctly when right-clicking an address in the email has been fixed.
58632	Fixed the issue that caused some incoming messages to be blank when displayed.
62160	The server will no longer display duplicate UIDs to IMAP clients. This is now caught internally and a warning is logged. This bug is opened as NEEDINFO as there is a possibility that all the symptoms in the bug were not addressed with this fix.
62962	Fixed the problem that caused breaks with amavisd and prevented anti-virus from running when commas were used in zimbraMtaMyNetworks.
64466/ 64467	Delete IMAP cache data directory orphaned from Ecache implementation in bug 64467.
66388	Banned-content emails now go to the Virus Quarantine Account.

66800	A warning that all exceptions (before and after this instance) in the series will be deleted is now displayed when modifying future instances of an appointment.
67894	Calendar sync now works after moving appointments. Now it gracefully skips any mail item present in the calendar folder causing exception during sync by the ActiveSync clients. This fix prevents any 5xx response from the server.
67943	Admins can enable forwarding via filter rules, zimbraFeatureMailForwardingInFilterEnabled independent of the account forward feature, zimbraFeatureMailForwardingEnabled . To enable the forwarding filter option in the mail filter, type zmprov mc <cosname> zimbraFeatureMailForwardingInFilterEnabled TRUE
68040	A mailbox move (zmmboxmove) is aborted if the blobs for the mailbox cannot be moved.
68640	Resolved issues that caused deadlock.
69117	Typing is not interrupted while composing email messages in Internet Explorer.
69138	Instead of throwing a NullPointerException when the server encounters a network problem while checking for an update, the server now generates a "Failed To Get Response" error message.
69155	To resolve the issue that prevented an admin from viewing an account when the admin's hostname was not the same as the account they were viewing, the viewmail function was changed to be an admin extension.
69398	A grantee to a shared Address Book can now sort for names by letters.
69419	Spell check does not timeout when checking a message.
69806	Personal and shared contacts now display when users search for an address from the To: field while composing an email.
69820	Email messages and conversations can now be dragged and dropped onto Zimlets.
69966	Server side takes care of zimbraPublicServiceHost , zimbraPublicServicePort , and zimbraPublicServiceProtocol at the domain level. If the domain level of zimbraPublicServiceHost is not set, they will look at the server level attribute value.
70486	Fixed issues that caused double booking of an appointment when an appointment was edited in Calendar.
71268	When a user's auth token expires, they will be logged out of ZWC. When they log back in, ZWC opens to their default log in page. Any search or message tabs they had open are reset.

Security Fixes

Security Fix for 7.2.6

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 7.2 includes other security fixes for previous maintenance releases.

Beta Features in ZCS 7.2

The following feature included with ZCS 7.2 are considered BETA quality. This feature **should not be enabled** in a production environment and is not supported.

- A new calendar view, **Free/Busy View**, can be enabled from the COS/Account Features tab. This view lets users set up a free busy schedule to track the free busy status of different people and resources in one place. (Bug 34827, 55904)

Future Changes to ZCS

This section documents major changes to future releases of ZCS.

- `zimbra_posixaccount` and `zimbra_samba` extensions will be removed from ZCS installation in the next major release of ZCS. 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. 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` will be removed from ZCS installation in the next major release of ZCS. Zimlets will be available from the Zimbra Gallery, <http://gallery.zimbra.com>. (Bug 52813)
- The Social and LinkedIn Zimlets will be moved to the Zimbra Gallery in a future release to be supported and maintained by the Zimbra Community.

- HTTPStoreManager is deprecated in 7.2 and EOL in 8. ZCS 8 will include a new StoreManager SDK for integrations with third party storage solutions.
- Zimbra Instant Messaging (IM) capabilities are going to be removed in the next major release of ZCS. These capabilities include the embedded IM server and the Zimbra IM Client (part of the Zimbra Web Client). Zimbra IM is marked BETA and **should not be enabled** in a production environment and is not a supported feature.
- Family Mailbox feature is not supported in ZCS 7.X and will be removed in the next major release of ZCS. We plan to provide a capability to enable multi-account support in ZWC as a replacement for the Family Mailbox feature.

Upgrade Process

Download the latest ZCS 7.2.x and run the 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 **zmdbintegrityreport** prior to making any system changes. You are prompted to decide if you would like to run the **zmdbintegrityreport**.

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

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 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.

Important: *If your OS is SUSE Linux Enterprise Server 11 (SLES 11):*

- If you are using ZCS 7.2.0, SLES 11 SP1 is supported.
- If you are using ZCS 7.2.1 or later, SLES 11 SP2 is supported as described in [Enhancements in 7.2.1 on page 2](#).

- If you are using ZCS 7.2.5, SLES 11 SP3 is supported as described in [Enhancements in 7.2.5 on page 2](#).

Verify Certificates Expiration Date

ZCS 7.2.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`

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: *It is recommended 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.

1. Log in as **root** to the Zimbra server and **cd** to the directory where the Zimbra Collaboration Server Open Source Edition 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.
4. 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.
5. When **Do you wish to upgrade? [Y]** is displayed, press **Enter** to continue. The upgrade packages are unpacked.
6. The packages are listed. The installer also lists packages that are not installed. If you want to install the packages at this time, type **Y**; otherwise press **Enter**. The upgrade checks that there is enough space to perform the upgrade. If there is not enough space, the upgrade stops.
7. When **The system will be modified. Continue? [N]** is displayed, type **Y** and press **Enter**. The Zimbra server is stopped, and the older packages are removed. The upgrade process verifies which version of ZCS is being run and proceeds to upgrade the services, restores the existing configuration files, and restarts the server. If you have a configuration with a large number of accounts created, this can take a while.
8. If you have not set the time zone, you will be asked to set it. This sets the time zone in the default COS. The time zone that should be entered is the time zone that the majority of users in the COS will be located in.
9. When **Configuration complete – press return to exit** displays, press **Enter**. The upgrade is complete.

Multi-Server Environment Upgrade Steps

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

Procedure

1. Log in as **root** to the Zimbra server and **cd** to the directory where the Zimbra Collaboration Server 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 enter **Y**.
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.

After the Upgrade is Complete

After you completed the upgrade to 7.2, the following bullet items may need to be addressed.

- If you upgrading from 6.X to ZCS 7.0 or later, MySQL table upgrade is required after upgrading. MySQL table upgrades are not automatically run during the upgrade to 7.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. Customers can avoid these errors in the `zmdbintegrityreport` output by executing `/opt/zimbra/libexec/scripts/migrate20100913-Mysql51.pl`. (Bug 24329, 50557)

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
```

- If your self-signed SSL certificates have expired, update them. See [Verify Certificates Expiration Date on page 10](#).
- 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

Enabling new 7. X Features

The following features can be enabled from the ZCS administration console, COS or Account>Features tab:

- Ability to let users recover deleted items. Enable **Dumpster folder** (Bug 30582, 45284)
- Ability to send mail at a later time. Enable **Mail send later**. (Bug 7524, 51673)

Remove Current Version and Perform Clean Install of ZCS

If you do not want to upgrade, but prefer to install ZCS Open Source Edition 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, and crontab changes.

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

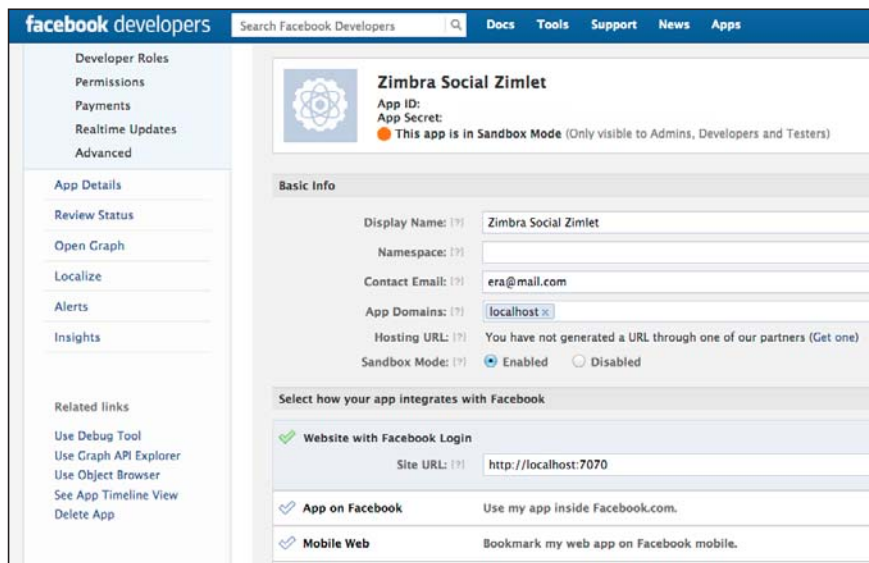
All entries between the designated comments in the Zimbra crontab file are overwritten with new defaults upon upgrade.

Using the Social Zimlet

To use the Social Zimlet to connect to Facebook, 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 screen shot:
 - Enter a **Display Name** and **Contact Email**.
 - For **App Domains** enter the client's domain, not 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`.

- 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.

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.
54278	Family Mailbox is not supported in ZCS 7.X. See Future Changes to ZCS on page 8 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.

51641	Third-party issue. iPhone calendar may 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.SslSelectChannel Connector"> <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	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.
71141	Zimbra logger is not directly supported in mixed syslog (rsyslog, syslogd, sysklogd) environments due to formatting differences between the varying systems.

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.

XML Examples for use with the Account Migration Wizard from the Administration Console

The following are three examples of the XML file structure to provision accounts and import data.

Example of provisioning accounts. The following example shows an XML file that is used to provision multiple email accounts without importing mail:

```
<?xml version="1.0" encoding="UTF-8"?>
<ZCSImport>
  <ImportUsers>
    <User>
      <sn>Sample</sn>
      <givenName>Sam</givenName>
      <displayName>Sam Sample</displayName>
      <RemoteEmailAddress>ssample@example.com</RemoteEmailAddress>
      <password>test123</password>
      <zimbraPasswordMustChange>TRUE</zimbraPasswordMustChange>
    </User>
    <User>
      <sn>Zackry</sn>
      <givenName>Zak</givenName>
      <displayName>Zak Zackry</displayName>
      <RemoteEmailAddress>zzackry@example.com</RemoteEmailAddress>
      <password>test123</password>
      <zimbraPasswordMustChange>TRUE</zimbraPasswordMustChange>
    </User>
  </ImportUsers>
</ZCSImport>
```

Example of provisioning accounts from externally hosted domains. The following example shows an XML file that is used to provision multiple email accounts for an externally hosted domain without importing mail. In this example, the zimbraMailTransport attribute of newly provisioned accounts will be set to point to external SMTP server instead of the ZCS server.

```
<?xml version="1.0" encoding="UTF-8"?>
<ZCSImport>
  <SMTPHost>smtp.example.com</SMTPHost>
  <SMTPPort>25</SMTPPort>
  <ImportUsers>
    <User>
      <sn>Sample</sn>
      <givenName>Sam</givenName>
      <displayName>Sam Sample</displayName>
      <RemoteEmailAddress>sam@example.com</RemoteEmailAddress>
    </User>
    <User>
      <sn>Zackry</sn>
      <givenName>Zak</givenName>
      <displayName>Zak Zackry</displayName>
      <RemoteEmailAddress>zzackry@example.com</RemoteEmailAddress>
    </User>
  </ImportUsers>
</ZCSImport>
```

Example of importing email. The following example shows an XML file that is used to import email for one account via IMAP from a gmail account without provisioning the email account in ZCS. The account must be provisioned on ZCS before running this type of XML file.

```
<?xml version="1.0" encoding="UTF-8"?>
<ZCSImport>
  <IMAPHost>imap.gmail.com</IMAPHost>
  <IMAPPort>993</IMAPPort>
  <ConnectionType>ssl</ConnectionType>
  <UseAdminLogin>0</UseAdminLogin>
  <ImportUsers>
    <User>
      <sn>Sample</sn>
      <givenName>Sam</givenName>
      <displayName>Sam Sample</displayName>
      <RemoteEmailAddress>sam@example.com</
RemoteEmailAddress><RemoteIMAPLogin>sam@example.com</
RemoteIMAPLogin><remoteIMAPPassword>test123</remoteIMAPPassword></User>
  </ImportUsers>
</ZCSImport>
```

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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