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## Release Notes for Zimbra™ Collaboration Suite 4.0.5 Open Source Edition

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### Release Overview

This release note includes details for Zimbra Collaboration Suite 4.0.5 Open Source Edition release from Zimbra, Inc., including a list of major bug fixes for releases 4.0.1 to 4.0.5. This is a generally available (GA) release, expected to run in production environments.

### About ZCS 4.0.5

**IMPORTANT:** Organizations running 3.1.x or earlier should upgrade to 4.0.5 directly. No incremental upgrades are required.

#### Major issues fixed for the 4.0.5 release:

6582	HTML formatted messages from ZWC now display correctly in Windows Mobile 5 Outlook view.
12765	Fixed the error that occurred when a invite was accepted by both the delegator and the delegatee.

### About ZCS 4.0.4

**IMPORTANT:** Organizations running 3.1.x or earlier should upgrade to 4.0.4 directly. No incremental upgrades are required.

#### Major issues fixed for the 4.0.4 release:

**Zimbra Migration fixes**

11373, 11812	Calendar appointment migrations are more robust.
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**Zimbra Collaboration Suite fixes**

8467	Upgrading an LDAP replica will not promote the LDAP replica to master. See LDAP Replication Issues below for more details.
12082	The CLI, <code>zmperditionctl</code> , now correctly sets POP and IMAP ports.

**LDAP Replication Issues**

If LDAP replication has been implemented for ZCS, please review the following information.

- For new ZCS installs that will include the master LDAP and a replica, or if you are adding a replica on a new ZCS node in an existing ZCS installation, follow the Zimbra wiki instructions at [http://wiki.zimbra.com/index.php?title=LDAP#LDAP\\_replication](http://wiki.zimbra.com/index.php?title=LDAP#LDAP_replication)
- If you have implemented LDAP replication, before upgrading your ZCS to 4.0.5, check to make sure that your LDAP replica wasn't changed to the master in a previous upgrade (Bug 8467). To check the status of your LDAP replica, as the zimbra user, run `zmlocalconfig | grep -i ldap` on all hosts. Now verify the following:
  - Do all the hosts have `ldap_master_url` as the same value?
  - Are there multiple hosts with `ldap_is_master` set to true?

If the answer to the first question is No, or if the answer to the second question is YES, contact Zimbra support before running the upgrade.

- Immediately after upgrading a node that is configured with a LDAP replica, you must reset `ldap_master_url` and `ldap_url` in localconfig on that node and remove the old LDAP replica database.
  1. To reset the URL, run the commands in the example below. For example, if your LDAP master is *master.example.com* and the replica is *replica.example.com*, then on the replica node run these commands.

```
zimbra> zmlocalconfig -e ldap_master_url=ldap://master.example.com:389
zimbra> zmlocalconfig -e ldap_url="ldap://replica.example.com
ldap://master.example.com:389"
```

2. Stop the Zimbra processes

```
/opt/zimbra/bin/zmcontrol stop
```

3. Remove LDAP DB data files from the `/opt/zimbra/openldap-data` directory.

```
rm /opt/zimbra/openldap-data/*
```

4. Enable LDAP replication.

```
/opt/zimbra/libexec/zmldapenablereplica
```

5. Restart the Zimbra processes.

```
/opt/zimbra/bin/zmcontrol start
```

This should be repeated for each replica node after it is upgraded.

- If you upgrade a node that had LDAP installed but it was disabled, i.e, not running as a master or a replica, after the upgrade the LDAP is enabled as a replica on that node.

### About ZCS 4.0.3

#### Major issues fixed for the 4.0.3:

8667	When viewing the Trash folder, the Trash columns are aligned correctly and information displays in the correct columns.
9464	Exchange Migration Wizard now migrates accounts that do not have the userPrincipalName field defined.
9968	The compose view correctly displays in the Zimbra Web Client.
9977	Calendar - Non-US date format of dd/mm/yy now displays correctly in Calendar.
10481	Calendar - Events spanning multiple days displays correctly in Week and Work Week view.
10487/ 10560	Calendar - When one instance of a series of appointments in Calendar is viewed, it no longer disappears.
10624	Domain names can now include single letter components.
10651	Migration Wizard skips appointments that throw an error when being migrated. The error is logged.
10720	Changing the maximum message size from the Global Settings MTA tab now works.
10759	ZCS avoids OOM initialization error when Outlook is not the default mail client.
10842	Zimbra Connector for Outlook - The issue that appointments crossing daylight savings time are off by one hour has been fixed.

10848	Calendar - Two-day appointments now display over two days in Calendar.
10864	HTML messages with embedded images that are received now display correctly.
10908	Calendar - Now when you open a recurring all day appointment, the end day displays correctly.
10992	Calendar - You can edit an appointment (in HTML) without converting to the plain-text editor format.
11001	In new installations of ZCS, the license file can now be installed when you run <code>./install.sh</code> ( <code>./install.sh -l ZCSLicense.xml</code> ). When the license file is installed first, ZCS does not need to be stopped and started for backup and restore to work properly.
11048	It is now possible to reconfigure external authentication to use AD when a non-AD server was used previously.
11067	In a new ZCS installation, <code>zmaccts</code> now works against non-localhost LDAP servers.
11108	Mail filter rule to forward messages now works.
10487 / 10560	Calendar - A meeting in a series no longer disappears when right-click is used to select it.

## About ZCS 4.0.2

The 4.0.2 release includes alpha-level support for Ubuntu 6 in the Open Source edition. Before installing Zimbra on your Ubuntu server, please run the following command to make sure that expat (an XML parsing library) is present on the system

```
root# apt-get install libexpat1
```

### Major issues fixed for the 4.0.2 release

509	Firefox issues where cursor sometimes did not display are fixed.
5615	Zimlets framework now allows configurable web proxy. When configuring the web proxy specify the username/password in the URL if the proxy requires authentication. If the proxy does not need authentication, do not enter the username/password. The command is entered as follows: <b>zmprov ms (server) zimbraHttpProxyURL http://User:PASS@proxy:3128</b>
6887	Thunderbird client users who receive messages that display the incorrect date should type <b>/tb</b> at the end of their name when they log in so that the correct date is displayed. Example: jones/tb.
7565	Zimbra Import Wizard - The name in the <b>From</b> field now is always imported from the pst file.
9832	You can now create a REST URL for a page created in the Documents application. If a page in a Documents notebook has the same name as the notebook, adding quotes “ “ around the URL creates a REST URL.
9969, 10436, 9145, 10375.	Various Calendar all day event issues have been fixed, including all day events are scheduled correctly, one day events now appear as only one day, all day events can be viewed correctly in any view.
10330	The Mailbox Quotas feature from the Admin UI now works.
10391	Can now add names from GAL to your address book lists.
10416	Start and finish times for an appointment are correct in countries that use the 24-hour representation.
10437	Picking locations and resources works correctly. Locations and resources added for the second meeting are properly reflected in the Appointment Details and Schedule tabs.
10510	Mail is now correctly delivered even if antivirus and antispam protection is disabled.

10612	The issue that caused mail to be deferred if the mailbox size was too small has been fixed.
10669	The connection time-out is not configurable in the registry. The default is 60000 milliseconds (1 minute) .

## About ZCS 4.0.1

For ZCS 4.0.1, the majority of fixes made were in the upgrade process. However, there were a few fixes in the core product that for some customers may warrant an upgrade. See the bug list below. Please see <http://bugzilla.zimbra.com> for a full description of each bug.

### Major issues fixed for the 4.0.1 release

- 10388 - After upgrading to 4.0.0 on Macs, some users could not log in. Now all users can log in after upgrading to ZCS.
- 10394 - zmldappasswd now correctly changes the LDAP password.
- 10346,10514 - Enabling the Documents feature after an upgrade is now easier.
- 10415 - zmldapenable replica CLI command now correctly enables replica on a new host.
- 10261 - Some customers' upgrades failed due to MySQL taking longer to shutdown than anticipated. The wait logic is now more robust.
- 7920 - server logs show NullPointerException in Zimlet filter (due to zimlet access by a user whose auth token has timed out). This case will correctly issue an auth token expired error.
- 10397 - zmprov GetAllAccounts on a domain now works.
- 10409 - It is now possible to provision a user with an encoded password. This helps some migration cases.

### Beta-quality features included with 4.0.x

These features included with 4.0.x are considered beta quality and have known issues.

- **ZCS Documents**, offering online document authoring and sharing, is in beta. When you upgrade to 4.0.X, Documents is disabled. To use this feature, you will need to enable the Documents feature in either the Class of Service or in individual account's Features tabs.

See the administration console Help and the Zimbra Web Client Help for information about how to use Documents.

It is not recommended that you create a library of Document folders that you would want to share in a production environment as the data integrity cannot be guaranteed. See the bug list for known issues.

- **Safari™ browser support** is in beta and there are several known issues.

## Product Documentation

Zimbra documentation includes an Administrator's Guide, Quick Start Installation Guide for single server installations, Multi-Server Installation Guide, and a Zimbra Migration Wizard Guide to migrate accounts from Exchange to the Zimbra server. These are in PDF format and can be found on our Web site. Online help is available on the administration console and on the Zimbra Web Client.

## 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,



- **Zimbra Collaboration Suite 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 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 the Administrator's Guide.

## Upgrade Instructions

Go to [www.zimbra.com](http://www.zimbra.com) Open Source Edition Download page for the latest version of the software. You can upgrade from any ZCS version to ZCS 4.0.5.

Upgrading does not delete your accounts or change your configuration.

**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:** If LDAP replication is configured, please read *LDAP Replication Issues* in the About 4.0.4 section before upgrading.

### Single-Server Upgrade Steps

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 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 with a large number of accounts.

1. Log in as root to the Zimbra server and **cd** to the directory where the Zimbra Collaboration Suite 4.0.x archive tar file is saved (cd /var/tmp). Type the following commands:

**tar xzvf zcs.tgz**, to unpack the file

**cd zcs**, to change to the correct directory

**./install.sh**, to begin the upgrade installation

**Note:** *If you have a large number of accounts, include **nohup** on the **./install.sh** command line. (**nohup ./install.sh**).*

2. The Zimbra software agreement is displayed. Read this software license agreement and press **Enter**.
3. When **Do you wish to upgrade? [Y]** is displayed, press **Enter** to continue. The upgrade packages are unpacked.
4. 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 to ZCS 4.0.x, restores the existing configuration files, and restarts the system.

When upgrading from 3.1.2 to 4.0.5, this can take about 45 minutes per 1,000 users if you have two disks for MySQL. When upgrading from 4.0.2 or 4.0.3 to 4.0.4 or later, the upgrade takes about 15 minutes for basic system software upgrade and then 10 minutes per 1000 user accounts. For example, if you have 2000 users, the upgrade will take 35 minutes.

5. When **Configuration complete – press return to exit** displays, press **Enter**. The upgrade is complete.

## Multi-Server Environment Upgrade Steps

Before you begin, you should stop all the servers in your ZCS non-production environment. On each server, at zimbra, type **zmcontrol stop**.

**Important:** Upgrade the servers in the following order: LDAP server, mail store server, and then MTA server.

1. Log in as root to the Zimbra server and **cd** to the directory where the Zimbra Collaboration Suite 4.0.x archive tar file is saved (cd /var/tmp). Type the following commands:

**tar xzvf zcs.tgz**, to unpack the file

**cd zcs**, to change to the correct directory

**./install.sh**, to begin the upgrade installation

**Note:** *If you have a large number of accounts, include `nohup` on the `./install.sh` command line. (`nohup ./install.sh`) so that the session does not terminate before the configuration has been upgraded.*

2. The Zimbra software agreement is displayed. Read this software license agreement and press **Enter**.
3. When **Do you wish to upgrade? [Y]** is displayed, press **Enter** to continue. The upgrade packages are unpacked.
4. The packages you want to install on the server should be marked **Y**. All other packages should be marked **N**.
5. When **The system will be modified. Continue?** is displayed, type **Y** and press **Enter**. The older packages are removed. The upgrade process verifies which version of ZCS is being run and proceeds to upgrade the services to ZCS 4.0.x 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.

When upgrading from 3.1.2 to 4.0.5, this can take about 45 minutes per 1,000 users if you have two disks for mySQL. When upgrading from 4.0.2 or 4.0.3 to 4.0.4 or later, the upgrade takes about 15 minutes for basic system software upgrade and then 10 minutes per 1000 user accounts. For example, if you have 2000 users, the upgrade will take 35 minutes.

6. 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. 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 4.0.x, restores the existing configuration files, and restarts the system.
8. When **Configuration complete – press return to exit** displays, press **Enter**. The upgrade is complete.

**Note:** 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**.

### Removing current version and performing a clean install for ZCS 4.0.x

If you do not want to upgrade, but prefer to install ZCS 4.0.x as a new installation, when you run the ZCS 4.0.x 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.

## 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](http://www.zimbra.com).

Issue #	Summary
	<p><b>Known third-party browser issues</b></p> <p>Some browser issues can effect how the Zimbra administration console and Zimbra Web Client work.</p> <p><b>Note:</b> Zimbra supports only Firefox 1.5 and Internet Explorer 6.0 browsers. When you get a browser error, try reloading the browser to continue.</p> <ul style="list-style-type: none"> <li>• If mail is displayed in HTML format, you cannot select the text with the mouse. (Bug 4020)</li> </ul>
3279	When upgrading ZCS, MTA and SNMP are enabled even though MTA and SNMP were disabled before the upgrade.
6945	Safari browser issue (Beta release). Zimlets do not work in Safari.
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. Work around is to disable one processor.
8467	Adding LDAP Replica to an existing installation will not work.
8468	When addressing a message or appointment, if the user types the letters too fast, auto-complete from the GAL may not work.
9616	There is a Linux kernel bug that sets incorrect file permissions which may cause Tomcat to not start after installation/upgrade. Correct the OS permissions and then perform a zmcontrol stop/start of tomcat. This is most commonly seen on Debian.
10157	Zimlets. The URL is now displayed instead of the tooltip thumbnail.
<b>Zimbra Documents (Beta)</b>	
	Documents is considered Beta for this release. It is not recommended that you create Documents folders that you later would want to upgrade to a production server, the data integrity cannot be guaranteed.
9406	A Documents folder and a page within that folder cannot have the same name.

## Bug Reporting

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

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

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