



Zimbra Collaboration 8.6.0 Patch4 Release Notes

These patch release notes provide information about the Zimbra Collaboration (ZCS) 8.6.0 Patch4, including bug fixes, considerations to make before installing the patch, installation instructions, and an example of the patch script. ZCS patches are cumulative, meaning ZCS 8.6.0 Patch4 includes ZCS 8.6.0 Patch3, ZCS 8.6.0 Patch2 and ZCS 8.6.0 Patch1.

This document includes:

- [Enhancements](#)
- [Bug Fixes](#)
- [Security Fixes](#)
- [Considerations](#)
- [Known Issues](#)
- [Before Installing the Patch](#)
- [Install the Patch](#)
- [Example of the Patch Script](#)
- [Revision History](#)

Enhancements

Enhancements in ZCS 8.6.0 Patch4 include:

Component	Bug Number and Description
EWS – Server	Bug 95988 - Calendar.app via EWS setup doesn't work with ZCS Calendar (Epic)
Other – Web Client	Bug 98371 - Support for Microsoft Edge browser

Bug Fixes

ZCS 8.6.0 Patch4 Bug Fixes

Component	Bug Number and Description
Admin – Console	<ul style="list-style-type: none">• Bug 95489 – Ability to assign role to DA from new admin wizard / Edit Admin page.• Bug 96254 – Delegate admin now able to edit accounts from other mailstore servers.
Admin – Utilities	<ul style="list-style-type: none">• Bug 100476 – zmfixperms fixes postfix group ownership of /opt/zimbra/conf/ldap-slm.cf.
AJAX Toolkit	<ul style="list-style-type: none">• Bug 97731 – Fixed issued causing JavaScript error when clicking bubble X icon in appointment compose pane.
Calendar – Web Client	<ul style="list-style-type: none">• Bug 98047 – Fixed issue causing users to be removed from distribution list when adding user to an appointment to a shared calendar.
EWS – Server	<ul style="list-style-type: none">• Bug 88924 – Fixed issue when using update/delete task reminder from MacOutlook.

	<ul style="list-style-type: none"> • Bug 91512 – Attendee freebusy status updates when meeting synced to MacOutlook. • Bug 92138 – Fixed issue causing duplicate draft when mail is edited in Mail/MacOutlook and synced in ZWC. A duplicate draft is no longer generated. • Bug 95510 – All day appointments display the correct day in MacOutlook, and are no longer off by one day. • Bug 96027 – Attached messages using ZWC can be viewed in MacOutlook. • Bug 96029 – Meeting invite forwarded from MacOutlook are sent correctly. • Bug 97198 – Fixed issue causing reproducible crash in OS X Mail.app. • Bug 97597 – Recurring meetings using MacOutlook using EWS no longer break in Web Client. • Bug 98477 – EWS with Outlook displays "Invitation is not current" when old calendar invitation is updated. • Bug 98667 – Fixed issue causing attachments to be missing in meeting invite created using MacOutlook. • Bug 99191 – Adding a new invitee to an existing appointment, and selecting 'send to changed' works correctly. • Bug 99228 – Fixed issue causing Calendar app error when accepting/declining a meeting. • Bug 99229 – Fixed issue causing Calendar app accept/decline of an instance to /decline the entire appointment series. • Bug 99230 – Mail is correctly sent to attendee when the organizer deletes an appointment. • Bug 99232 – Fixed issue causing deleted message to remain on calendar of organizer. • Bug 99234 – Reminder/Alert displays correctly in Calendar app. • Bug 99359 – Shared Calendar events display correctly in Calendar app. • Bug 99642 – New meeting requests display correctly in Calendar app after user performs any operation on instance of a recurring meeting. • Bug 99773 – Fixed issue causing error when accepting invite of shared calendar. • Bug 99977 – Invite displays correctly in Calendar app, without HTML tags. • Bug 100044 – Fixed issue causing duplicate instance created after modifying start time of an instance of a series. • Bug 100235 – Reminder/Alert updated from Calendar app displays correctly in Web Client • Bug 100426 – All day appointments display correctly. • Bug 100449 – Calendar appointments with one or more attachments sent from Calendar app are delivered correctly. • Bug 100682 – All day appointments are synced on the same day as on ZWC for recurring appointments. • Bug 101068 – Fixed issue causing time zone of event or meeting created in Outlook or the Calendar app to be modified after syncing with the server.
IMAP/POP Server	<ul style="list-style-type: none"> • Bug 100387 – ServerThrottle memory retains heap size.
Mail – Server	<ul style="list-style-type: none"> • Bug 95546 – Ability to change theme colors using the Admin Console

	<ul style="list-style-type: none"> • Bug 97002 – Fixed issue causing null pointer exception if X-Zimbra-Calendar-Intended-For account is not present. • Bug 98079 – Fixed issue causing proxy error when deleting mail in a shared folder using preauth. • Bug 99825 – A new LDAP configuration option is available to configure if public shares can be seen from outside a domain. The LC key public_share_advertising_scope has been added. • Bug 99984 – Moving a conversation correctly updates same prev_folders and all messages in that conversation.
Mail – Web Client	<ul style="list-style-type: none"> • Bug 98598 – Fixed issue causing users to have to clear the browser cache manually after patch is applied. • Bug 99743 – Fixed issue causing no update when editing folder properties in Ajax client after installing ZCS 8.6.0 Patch2. • Bug 99874 – Extra
 tag is no longer added in compose body while changing Format As HTML.
Mobile – Touch Client	<ul style="list-style-type: none"> • Bug 99654 – Fixed issue causing inability to save draft on reply/reply to all/forward action when using iOS.
Mobile – Zimbra Mobile Sync	<ul style="list-style-type: none"> • Bug 99389 – Deleted appointments are pushed correctly using ActiveSync. • Bug 99649 – ActiveSync mail sync issues corrected. • Bug 100377 – Tagged messages are synced on Nokia devices.
Other – Web Client	<ul style="list-style-type: none"> • Bug 100343 – Fixed issue causing Web Client to hang on loading screen when using Windows RT.

ZCS 8.6.0 Patch3 Bug Fixes

Component	Bug Number and Description
Admin	<ul style="list-style-type: none"> • Bug 96734 – Using the admin console to set a COS timezone to "Africa/Harare" works correctly.
Calendar – Server	<ul style="list-style-type: none"> • Bug 97672 – Fixed issue causing "Committed before 401 null" warnings in zmmailboxd.out.
Calendar – Web Client	<ul style="list-style-type: none"> • Bug 91316 – Fixed issue causing calendar invite to truncate location room and phone number. • Bug 99179 – When modifying a recurring appointment, custom repeat now shows correct values.
Contacts	<ul style="list-style-type: none"> • Bug 98916 – If a vCard with a large attachment has an issue with the attachment, an error message is sent and the mailbox server remains accessible.
EWS - Server	<ul style="list-style-type: none"> • Bug 98327 – Outlook 2011 with EWS no longer deletes shared contacts folder • Bug 98833 – Error in getFolder resolved. • Bug 99594 – Accessing message via EWS no longer strips out MIME image data.
IMAP/POP Server	<ul style="list-style-type: none"> • Bug 71695 – Emptying the trash via IMAP moves the emptied messages to the Dumpster.
Mail – Server	<ul style="list-style-type: none"> • Bug 74953 – Mail items deleted with IMAP are automatically deleted after time duration set in zimbraMailTrashLifetime. • Bug 84629 – LC value added for WAITSET_TIMEOUT.

Mail – Web Client	<ul style="list-style-type: none"> • Bug 96847 – Collapse/expand arrow button of folder during move action is working as expected. • Bug 97552 – Ability to paste image from clipboard. • Bug 98420 – Pasting an image from the clipboard into the html editor body using Ctrl-V works correctly. • Bug 98512 – Fixed issue causing cursor to remain or highlighted in message body instead of 'To' field from HTML Compose Window. • Bug 98584 – Fixed issue causing scroll bar issues in Move Message dialog window. • Bug 98786 – Returns are not stripped when composing in HTML via deep link. • Bug 98895 – Fixed inconsistent Shift+tab and TAB issue.
Mobile – Mobile HTML Client	<ul style="list-style-type: none"> • Bug 95414 – Default client loads correctly.
Mobile – Touch Client	<ul style="list-style-type: none"> • Bug 97792 – Ability to permanently delete messages from trash while in message view • Bug 99629 – Chrome: Folder structure displays correctly. • Bug 99853 – Chrome: Login page displays correctly.
Mobile – Zimbra Mobile Sync	<ul style="list-style-type: none"> • Bug 96516 – Syncing local filtered messages from mobile works correctly.

ZCS 8.6.0 Patch2 Bug Fixes

Component	Bug Number and Description
Admin	<ul style="list-style-type: none"> • Bug 98226 – Accounts, Aliases, Distribution Lists and Resources list are cached and reused. When a user clicks the refresh icon in the admin console, cache is bypassed and the request is processed to access the data from the server. • Bug 91986 – Searching in the admin console requires a minimum three (3) characters. If the user enters less than three (3) characters, an error message displays. See Performing a Cross-Mailbox Search for more information. • Bug 97469 – Mailbox search limits in the admin console are applied per mailbox, and not applied to aggregate cross-mailbox searches. See Performing a Cross-Mailbox Search for more information.
Directory	<ul style="list-style-type: none"> • Bug 91793 – Performance improved for <i>CountObjectRequest</i>.
EWS	<ul style="list-style-type: none"> • Bug 97207 – Fixed issue causing errors and duplicate messages when sending mail using EWS.
Mail – MTA/Spam/Virus	<ul style="list-style-type: none"> • Bug 96408 – Fixed issue causing <i>zmtrainsa</i> to fail.
Mail – Web Client	<ul style="list-style-type: none"> • Bug 97994 – Improved efficiency when using the tab function to get into the body area of the Compose feature. • Bug 95730 – Date and time both display in the reading pane. • Bug 96715 – Fixed issue causing duplicate/overlapping of sender name in message list of a conversation. • Bug 97563 – Spell check works correctly in Firefox and OS X Yosemite. • Bug 96808 – Messages display properly when using Google Chrome zoom level at 90%.

	<ul style="list-style-type: none"> • Bug 97128 – "New Folder" menu text displays properly in a new window. • Bug 97403 – All messages in a conversation expand and collapse correctly when clicking the + and - icon in the message header. • Bug 97462 – Expanding a Distribution List in the "To:" field of a message allows the members of the Distribution List to display, and removes the Distribution List name from the "To:" field. • Bug 97956 – Fixed issue causing Firefox to lose cursor focus in first email reply after login. • Bug 97960 – Fixed issue causing Delete button action to lose message focus. • Bug 97838 – Emoticons are included correctly when composing a message. • Bug 96733 – Fixed issue causing Draft count to increase after clicking Cancel from Reply/Forward compose window. • Bug 97000 – When using the reply or forward function in a message, the message opens properly in the reading pane. • Bug 98136 – When using Conversation view in Internet Explorer 8.0 on Windows 7 or XP, the conversation displays properly in the reading pane. • Bug 97283 – Subject text can be selected in Conversation view. • Bug 98501 – Sorting preferences "Group by Date" and "Sort by From" work correctly in the Conversation view.
Mobile	<ul style="list-style-type: none"> • Bug 96166 – Fixed issue causing IMAP delete function to leave orphan items on a device when dumpster is enabled.
Other – Server	<ul style="list-style-type: none"> • Bug 97743 – Membership in many domain admin distribution lists causes excessive LDAP searching and slow domain admin login and management access. See Admin Console Performance Issues when using Delegated Admin for more information. • Bug 91009 – Performance improved when accessing membership information for dynamic groups.
Search	<ul style="list-style-type: none"> • Bug 97067 – Performance improved when using the Search feature in the Zimbra Web Client.
Security	<ul style="list-style-type: none"> • Bugs 97625, 98215, 98216, 98358 – multiple persistent and non-persistent XSS vulnerabilities.

ZCS 8.6.0 Patch1 Bug Fixes

Admin	<ul style="list-style-type: none"> • Bug 97316 – Membership in many domain admin distribution lists no longer causes slow domain admin login and management access. • Bug 97739 – Fixed issue causing JavaScript error in Admin console on startup.
Calendar – Web Client	<ul style="list-style-type: none"> • Bug 85158 – Fixed issue when creating an external caldav calendar. • Bug 96561 – Contact picker now accessible; added tab group for keyboard accessibility. • Bug 96742 – Time selection for start date and end date display correctly. • Bug 96743 – Time selection displays whole-hour and quarter-hour sub-menus correctly. • Bug 97170 – Fixed issue causing inability to stop dragging new appointment dialog. • Bug 97184 – Folder tree in "Attach Contact" dialog is no longer broken. • Bug 97368 – Issue causing invalid attribute value fixed when adding external caldav calendar • Bug 97652 – Ability to enter start date and end date fields.

EWS	<ul style="list-style-type: none"> • Bug 96728 – Responding to exception in MacOutlook fails.
Localization	<ul style="list-style-type: none"> • Bug 96984 – Localizations on View menu display correctly.
Mail – Web Client	<ul style="list-style-type: none"> • Bug 96134 – Status messages announced live through screen readers. • Bug 96141 – Editor toolbar is accessible. • Bug 96142 – Dialogs are accessible. • Bug 96143 – Message and confirmation dialogs are accessible. • Bug 96144 – Account name and quota display as accessible. • Bug 96670 – Fixed issue causing error when changing "Group by" option. • Bug 96686 – Shortcut to show context menu works properly. • Bug 96716 – New messages display correctly in conversation view when setting order as new-to-old. • Bug 96756 – In compose, ability to tab into body area functions properly. • Bug 96780 – Scrolling of new / unread messages works correctly with Conversation List View on and Reading Pane on. • Bug 96815 – Copy/Paste of Excel/Word data does not result in image inserted into MIME. • Bug 97096 – Fixed issue causing duplicate image being attached to the message body. • Bug 97127 – Toast message displays correctly when deleting an email from a new window. • Bug 97161 – Range dropdowns expand properly in "Folder properties">"Retention" tab. • Bug 97249 – Messages and conversations are keyboard accessible. • Bug 97272 – Tab order in Search toolbar corresponds with visual appearance. • Bug 97636 – Web client tab function responds as expected. • Bug 97758 – Empty Trash option available for right click Trash folder in Mail tab
Other – Web Client	<ul style="list-style-type: none"> • Bug 96442 – Address autocomplete is keyboard accessible. • Bug 97031 – zimbraCsrfTokenData cache inconsistency does not causes auth failure. • Bug 97365 – Dialog titles are now left-aligned. • Bug 97454 – Sharing folders works as expected.
Tasks	<ul style="list-style-type: none"> • Bug 96123 – Ability to use characters ~`!@#\$%^&*()_-= \\}{['";?/>.<, in task subjects.
WebDav	<ul style="list-style-type: none"> • Bug 96727 – CalDAV: Sending invite to external user sends one invitation as expected.
Zimlets	<ul style="list-style-type: none"> • Bug 96848 – Attached mail in compose window opens as expected.

Security Fixes

Information about security fixes, security response policy and vulnerability rating classification are listed below.

- **ZCS 8.6.0 Patch Security Fixes**

- **ZCS 8.6.0 Patch4 Security Fixes**

- There are no security fixes in ZCS 8.6.0 Patch4.

- **ZCS 8.6.0 Patch3 Security Fixes**

- There are no security fixes in ZCS 8.6.0 Patch3.

- **ZCS 8.6.0 Patch2 Security Fixes**

- ZCS 8.6.0 Patch2 includes the following security fixes. The security fixes listed are rated as “Minor”. See the [Zimbra Security Response Policy](#) and the [Zimbra Vulnerability Rating Classification](#) information below for details.

Bug	Rating	CVSS Base Score
98358	Minor	4.3
98216	Minor	4.3
98215	Minor	4.3
97625	Minor	3.5

- **ZCS 8.6.0 Patch1 Security Fixes**

- There are no security fixes in ZCS 8.6.0 Patch1.

- **Zimbra Security Response Policy**

For more information about the Zimbra Security Response Policy, see https://community.zimbra.com/support/w/security_prgm/41842.zimbra-security-response-policy.

- **Zimbra Vulnerability Rating Classification**

For more information about the Zimbra Vulnerability Rating Classification, see https://community.zimbra.com/support/w/security_prgm/41843.zimbra-vulnerability-rating-classification.

Considerations

Review this section for considerations and possible configurations before installing the patch.

- **Configuring Public Shares** (Bug [99825](#) in 8.6.0 Patch4)

When managing if users can view public shares from outside their domain, a new localconfig (LC) key, **public_share_advertising_scope**, is available. This setting affects the behavior of the account namespace SOAP GetShareInfoRequest when an owner is not specified in the request.

Three values are available:

- **samePrimaryDomain** – Default. Can only see public shares advertised by accounts whose primary domain name matches the primary domain name of the requesting account.
- **all** - Can see public shares advertised by any accounts.
- **none** - Cannot obtain details of any public shares.

Note. This does not prevent mounting of shares which are discovered out of band, for example, invitation messages. Shares which are already in use are also reported.

- **Tuning Throttle Reap Intervals** (Bug [100387](#) in 8.6.0 Patch4)

When tuning throttle reap intervals, a new LC key, **zimbra_mailbox_throttle_reap_interval**, is available. The default value is 60000, for example 60 seconds, with time in milliseconds between IMAP/POP/LMTP rate limiter stale entry.

- **Newly Created Delegate Admin Requires ACL Flush on Mail Stores**

(Bug [96254](#) in 8.6.0 Patch4)

After creating a delegated admin, a flush of the ACL cache on mail stores is required or requires waiting until the ACL cache get expires, by default 15 minutes, before having the ability to edit accounts on any of the mail stores. The local config default value for **acl_cache_target_maxage** is 15, for example 15 minutes.

- **Performing a Cross-Mailbox Search**

(Bugs [91986](#), [97469](#) addressed in 8.6.0 Patch2)

When performing a cross-mailbox search, consider the following:

- **Using the Admin Console or Soap Interface**

The cross-mailbox search limit is applied per mailbox and does not aggregate search result across mailboxes. If no limit is specified, it will return maximum of 500 matching messages from each mailbox. Zimbra recommends search limits to prevent possible adverse affects on mailbox searches.

- **Using the Command Line Utility `zmmboxsearch`**

The cross-mailbox search limit is applied per mailbox server, and not to the aggregate search result across all mailbox servers searched. If no limit is specified, it will return a maximum of 1000 matching messages from each mailbox. Zimbra recommends search limits to prevent possible adverse affects on mailbox servers.

- **Admin Console Performance Issues when using Delegated Admin**

(Bug [97743](#) addressed in 8.6.0 Patch2)

If you are experiencing significant admin console performance issues when using delegated admin, configure the following LC keys to resolve the issue:

- `short_term_all_effective_rights_cache_expiration` (default: 50000)
 - `short_term_all_effective_rights_cache_size` (default: 128)
 - `short_term_grantee_cache_expiration` (default: 50000)
 - `short_term_grantee_cache_size` (default: 128)

Note: The default sizes are 128, with default expirations in milliseconds. Using higher values is not recommended.

For more information about this issue, see the Zimbra wiki page [Admin Console Performance Issues when using Delegated Admin](#).

Known Issues

Review this section for known issues when installing 8.6.0 Patch4.

• EWS bugs

(as of 8.6.0 Patch4)

- [Bug 100789](#) - EWS Calendar app not working if there are no items on account or only calendar items present in account.
- [Bug 100807](#) - Meeting invitation could not be sent, if new attendee is not available in GAL.
- [Bug 100808](#) - NullPointerException while updating calendar item.
- [Bug 100824](#) - NumberFormatException while deleting exception of recurring meeting.
- [Bug 100843](#) - Wrong list of attendees shown in meeting in shared calendar.
- [Bug 100979](#) - MacOutlook: Start and end time gets reverted back for meeting instance.
- [Bug 101014](#) - MacOutlook: Attachments getting duplicated when organizer updates a Calendar event with attachment.
- [Bug 101016](#) - MacOutlook: Reminder/Alert updated from MacOutlook does not reflect on Web Client.
- [Bug 101092](#) - EWS: Exception received if user tries to respond to a meeting invite through mail app.
- [Bug 101111](#) - MacOutlook: Declined appointment instance from Outlook getting shown as accepted on organizer's ZWC.
- [Bug 101112](#) - Calendar App: No response from location when added from Calendar app.
- [Bug 101113](#) - Calendar App: Attachments shown disabled when received by Calendar app user.
- [Bug 101115](#) - Calendar app: Attendee receives html tags in appointment body when event with attachments is sent from Call app.
- [Bug 101117](#) - Calendar app: Entire series gets updated when organizer updates time for one instance from Calendar app.
- [Bug 101123](#) - Calendar App: No response received for further instances by Calendar app organizer once single instance is responded by attendee.
- [Bug 101126](#) - Calendar App: Reminder not synced in Calendar app for All Day appointment.
- [Bug 101176](#) - Mavericks Cal app: Updating appointment end time changes timezone to GMT.
- [Bug 100528](#) - Removing an invitee from an existing appointment, and selecting 'send to changed' doesn't send cancellation mail to removed attendee.
- [Bug 101174](#) - Calendar app: 'Error deleting Item' exception while deleting an appointment from Calendar app.
- [Bug 101183](#) - Calendar app: last instance of recurring meeting gets deleted on refreshing the app after creating the meeting from app.
- [Bug 101184](#) - Calendar app: update by organizer to an instance of recurring meeting results in two mails being sent to attendee.
- [Bug 101188](#) - Calendar app: Notes get disappeared from attendee end when attendee responds from Calendar app.
- [Bug 101190](#) - Calendar app: [Recurring] Meeting instance time reverted back when updated from Calendar app.
- [Bug 101191](#) - EWS: Attendee response for modified invite is not received by organizer
- [Bug 101203](#) - Calendar App: No response is sent when attendee accepts an instance of a recurring all day meeting from Calendar app.

- [Bug 101206](#) - Calendar app: Unable to update date for an All Day recurring appointment from Calendar app.

- **Bug 99188 - Patch installer is unable to flush Zimlet cache**

(introduced in 8.6.0 Patch2)

The patch installer attempts to flush the Zimlet cache even if the mailboxd service is shutdown. The exception can be ignored and patch installation will continue as expected.

```
root@example:~# vi /tmp/zmpatch.log
Thu Apr 30 12:04:31 2015 deployed...
Thu Apr 30 12:04:31 2015 *** Running as zimbra user: zmprov flushcache zimlet
[] INFO: I/O exception (java.net.ConnectException) caught when processing request: Connection refused
[] INFO: Retrying request
ERROR: zclient.IO_ERROR (invoke Connection refused, server: localhost) (cause: java.net.ConnectException
Connection refused)
Thu Apr 30 12:04:32 2015 updated.
```

...

- **Bug 90678 - GetMailQueueInfoRequest does not work on rolling upgrade setup**

(introduced in 8.6.0 Patch2)

The admin console tries to fetch MTA queue info from non-MTA hosts which can lead to this exception in mailbox.log. The exception does not negatively impact the ZCS installation and can be ignored.

```
2015-04-30 13:37:29,782 INFO [qtp509886383-
663:https://10.137.244.XXX:7071/service/admin/soap/GetMailQueueInfoRequest]
[name=admin@host1.example.com;mid=2;ip=10.255.255.31;ua=ZimbraWebClient - FF23 (Mac);]
SoapEngine - handler exception
```

```
com.zimbra.common.service.ServiceException: system failure: exception executing command: zmqstat all
with {RemoteManager: host1.example.com->zimbra@host2.example.com:22}ExceptionId:qtp509886383-
663:https://10.137.244.XXX:7071/service/admin/soap/GetMailQueueInfoRequest:1430426249781:285e6ff4
e07a6430
```

```
Code:service.FAILURE
```

```
at com.zimbra.common.service.ServiceException.FAILURE(ServiceException.java:260)
at com.zimbra.cs.rmgmt.RemoteManager.execute(RemoteManager.java:162)
at com.zimbra.cs.service.admin.GetMailQueueInfo.handle(GetMailQueueInfo.java:55)
at com.zimbra.soap.SoapEngine.dispatchRequest(SoapEngine.java:569)
at com.zimbra.soap.SoapEngine.dispatch(SoapEngine.java:432)
```

...

```
sudo: no tty present and no askpass program specified
```

```
Sorry, try again.
```

```
sudo: 3 incorrect password attempts
```

```
at com.zimbra.cs.rmgmt.RemoteManager.execute(RemoteManager.java:154)
```

```
... 52 more
```

Before Installing the Patch

Before installing the patch, consider the following:

- Zimbra Collaboration patches can be found at <https://www.zimbra.com/downloads/zimbra-collaboration>
- Patches are cumulative, and delivered as a TGZ file.
- A full backup should be performed before any patch is applied. There is no automated roll-back.
- Zimlet patches can include removing existing Zimlets and redeploying the patched Zimlet.
- Only files or Zimlets associated with installed packages will be installed from the patch.
- Switch to user **zimbra** before using ZCS CLI commands.
- **Important!** You cannot revert to the previous ZCS release after you upgrade to the patch.

Install the Patch

Note: This patch applies to nodes running Mailbox and WebApp services, and should only be installed on nodes where these services are running.

1. Before you begin, confirm you have the following:

- Zimbra Collaboration 8.6.0 GA installed
- Zimbra Collaboration 8.6.0 Patch4 TGZ file

2. Copy the patch.tgz file(s) to your server.

3. Install Zimbra Collaboration 8.6.0 Patch4

a. Log in as **root** and **cd** to the directory where the tar file is saved. Type

```
tar xzvf zcs-patch-8.6.0_GA_1182.tgz
cd zcs-patch-8.6.0_GA_1182
```

b. Switch to user **zimbra**

```
su - zimbra
```

c. The ZCS mailbox service must be stopped to install the patch. Type

```
zmmailboxctl stop
```

d. As **root**, install the patch. Type

```
./installPatch.sh
```

e. Switch to user **zimbra**

```
su - zimbra
```

f. ZCS must be restarted to changes to take effect. Type

```
zmcontrol restart
```

Note: For users who have the web-client open and are running the FOSS edition, the refresh notice might state that you have changed to the NETWORK Edition; however, your feature set will remain FOSS only.

Example of the Patch Script

Note: Your installation of the patch might look different than the example below.

```
8.6.0 GA build:
zimbra@example:~$ zmcontrol -v
Release 8.6.0.GA.1153.UBUNTU12.64 UBUNTU12_64 NETWORK edition.

Apply 8.6.0 P4:
zimbra@example:~$ zmmailboxctl stop
Stopping mailboxd...Done.

As root:
root@example:/var/tmp/zcs-patch-8.6.0_GA_1182#
./installPatch.sh
Current Version: 8.6.0_GA_1153
Found Patch for 8.6.0_GA called 8.6.0_P4
Deploying patch for 8.6.0_GA
  com_zimbra_xmbxsearch...undeployed...deployed...updated.
Updating files for package zimbra-archiving
  com_zimbra_delegatedadmin...undeployed...deployed...updated.
  com_zimbra_attachcontacts...undeployed...deployed...updated.
Updating files for package zimbra-store
  /opt/zimbra/jetty-distribution-
9.1.5.v20140505/webapps/zimbra/js/ajax/dwt/widgets/DwtShell.js... copied.
  /opt/zimbra/jetty-distribution-
9.1.5.v20140505/webapps/zimbraAdmin/js/XForms_all.js... copied.
  /opt/zimbra/jetty-distribution-9.1.5.v20140505/webapps/zimbraAdmin/WEB-
INF/classes/messages/ZmMsg_zh_CN.properties... copied.
  /opt/zimbra/jetty-distribution-9.1.5.v20140505/webapps/zimbraAdmin/WEB-
INF/classes/keys/ZmKeys_zh_HK.properties... copied.
.
.
.
  /opt/zimbra/jetty-distribution-
9.1.5.v20140505/webapps/zimbra/js/zimbraMail/mail/controller/ZmDoublePaneControl
ler.js... copied.
Updating files for package zimbra-core
  /opt/zimbra/lib/jars/zimbraclient.jar... copied.
  /opt/zimbra/lib/jars/zimbrastore.jar... copied.
  /opt/zimbra/conf/timezones.ics... copied.
  /opt/zimbra/lib/jars/zimbracommon.jar... copied.
  /opt/zimbra/libexec/zmfixperms... copied.
  /opt/zimbra/bin/zmtrainsa... copied.
  /opt/zimbra/lib/jars/zimbrasoap.jar... copied.

zimbra@example:~$ zmcontrol restart
Host example.eng.zimbra.com
  Stopping vmware-ha...Done.
  Stopping zmconfigd...Done.
  Stopping zimlet webapp...Done.
  Stopping zimbraAdmin webapp...Done.
  Stopping zimbra webapp...Done.
  Stopping service webapp...Done.
  Stopping stats...Done.
```

```
Stopping mta...Done.
Stopping spell...Done.
Stopping snmp...Done.
Stopping cbpolicyd...Done.
Stopping archiving...Done.
Stopping opendkim...Done.
Stopping amavis...Done.
Stopping antivirus...Done.
Stopping antispam...Done.
Stopping proxy...Done.
Stopping memcached...Done.
Stopping mailbox...Done.
Stopping convertld...Done.
Stopping logger...Done.
Stopping dnscache...Done.
Stopping ldap...Done.
```

```
Host example.eng.zimbra.com
Starting ldap...Done.
Starting zmconfigd...Done.
Starting dnscache...Done.
Starting logger...Done.
Starting convertld...Done.
Starting mailbox...Done.
Starting memcached...Done.
Starting proxy...Done.
Starting amavis...Done.
Starting antispam...Done.
Starting antivirus...Done.
Starting opendkim...Done.
Starting archiving...Done.
Starting snmp...Done.
Starting spell...Done.
Starting mta...Done.
Starting stats...Done.
Starting service webapp...Done.
Starting zimbra webapp...Done.
Starting zimbraAdmin webapp...Done.
Starting zimlet webapp...Done.
```

```
zimbra@example:~$ zmcontrol -v
Release 8.6.0.GA.1153.UBUNTU12.64 UBUNTU12_64 NETWORK edition, Patch 8.6.0_P4.
```

```
zimbra@example:~$ zmcontrol status
Host example.eng.zimbra.com
```

amavis	Running
antispam	Running
antivirus	Running
archiving	Running
convertld	Running
dnscache	Running
ldap	Running
logger	Running
mailbox	Running
memcached	Running
mta	Running
opendkim	Running
proxy	Running
service webapp	Running
snmp	Running
spell	Running
stats	Running



zimbra webapp	Running
zimbraAdmin webapp	Running
zimlet webapp	Running
zmconfigd	Running

Revision History

Date and Revision	Change
July 2015	Released ZCS 8.6.0 Patch3 Release Notes, Rev1
September 2015	Released ZCS 8.6.0 Patch4 Release Notes, Rev 1

Legal Notices

Copyright © 2005-2015 Zimbra, Inc. All rights reserved. This product is protected by U.S. and international copyright and intellectual property laws. "Zimbra" is a registered trademark of Zimbra, Inc. in the United States and other jurisdictions. You may not alter or remove any trademark, copyright, or other notice from copies of the content. All other marks and names mentioned herein may be trademarks of their respective companies.

Zimbra, Inc.
3000 Internet Blvd., Suite 200
Frisco, Texas 75034
www.zimbra.com

Zimbra Collaboration 8.6.0 Patch4
September 2015
Revision 1