



Zimbra Collaboration 8.6.0 Patch2 Release Notes

These patch release notes provide information about the Zimbra Collaboration (ZCS) 8.6.0 Patch2, 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 Patch2 includes ZCS 8.6.0 Patch1.

This document includes:

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

Bug Fixes

ZCS 8.6.0 Patch2 resolves the following bugs:

Component	Bug Number and Description
Admin	• 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	• Bug 91793 – Performance improved for <i>CountObjectRequest</i>.
EWS	• Bug 97207 – Fixed issue causing errors and duplicate messages when sending mail using EWS.
Mail – MTA/Spam/Virus	• Bug 96408 – Fixed issue causing <i>zmtrainrsa</i> to fail.
Mail – Web Client	• 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 appropriately in Firefox and OS X Yosemite. • Bug 96808 – Messages display properly when using Google Chrome zoom level at 90%.

	• Bug 97128 – "New Folder" menu text displays properly in a new window. • Bug 97403 – All messages in a conversation expand and collapse appropriately 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 appropriately in the Conversation view.
Mobile	• Bug 96166 – Fixed issue causing Imap delete function to leave orphan items on a device when dumpster is enabled.
Other – Server	• 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	• Bug 97067 – Performance improved when using the Search feature in the Zimbra Web Client.
Security	• Bugs 97625, 98215, 98216, 98358: multiple persistent and non-persistent XSS vulnerabilities.

Security Fixes

ZCS 8.6.0 Patch2 includes the following security fixes. The security fixes listed are rated as “Minor”. For more information, see [Zimbra Security Response Policy](#) and [Zimbra Vulnerability Rating Classification](#).

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

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 and Known Issues

Review this section for information about considerations and known issues before installing the patch.

- **Performing a Cross-Mailbox Search (Bug [91986](#), [97469](#), and [98923](#))**

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)**

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 when Installing the 8.6.0 Patch2**

Known issues when installing the 8.6.0 Patch2 include the following exceptions:

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

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**

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:
285e6ff4e07a6430
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 mechanism.
- 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

1. Before you begin, confirm you have the following:
 - Zimbra Collaboration 8.6.0 GA installed
 - Zimbra Collaboration 8.6.0 Patch2 TGZ file
2. Copy the patch.tgz file(s) to your server.
3. Install Zimbra Collaboration 8.6.0 Patch2
 - a. Log in as **root** and **cd** to the directory where the tar file is saved. Type

```
tar xzvf zcs-patch-8.6.0_P2.tgz
cd zcs-patch-8.6.0_P2
```
 - b. Switch to user **zimbra**

```
su - zimbra
```
 - c. The ZCS mailbox service must be stopped to install the patch. Type

```
zmmailboxdctl 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 P2:

```
zimbra@example:~$ zmmailboxctl stop
Stopping mailboxd...Done.
```

```
root@example:/var/tmp/zcs-patch-8.6.0_GA_1169# ./installPatch.sh
```

```
Current Version: 8.6.0_GA_1162
```

```
Found Patch for 8.6.0_GA called 8.6.0_P2
```

```
Deploying patch for 8.6.0_GA
```

```
com_zimbra_xmbxsearch...undeployed...deployed...updated.
```

```
Updating files for package zimbra-archiving
```

```
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/ZmDoublePaneController.js... copied.
```

```
Updating files for package zimbra-core
```

```
/opt/zimbra/lib/jars/zimbraclient.jar... copied.
```

```
/opt/zimbra/lib/jars/zimbrastore.jar... copied.
```

```
/opt/zimbra/lib/jars/zimbracommon.jar... 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 converttd...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 converttd...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_P2.

zimbra@example:~$ zmcontrol status
Host example.eng.zimbra.com
      amavis           Running
      antispam         Running
      antivirus         Running
      archiving         Running
      converttd         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

As root:
root@ example:~# chmod 644 /etc/logrotate.d/zimbra; echo $?
0
root@ example:~# /opt/zimbra/libexec/zmsyslogsetup; echo $?
updateRsyslogd: Updating /etc/rsyslog.d/50-default.conf...done.
0
```



Revision History

Date and Revision	Change
May 2015: Revision 1	Released ZCS 8.6.0 Patch2 Release Notes, Rev1
May 2015: Revision 2	Updated release notes with the following: • Updated intro paragraph with information about patch being cumulative, and added navigation links on page 1. • Added Security Fixes section on page 3.

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