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# **KopanoChangelog**

*Release 1.0.0*

**Kopano BV**

**Dec 13, 2018**

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This document, the Kopano Changelog delivers the full changelog of all Kopano components released.

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## Kopano Groupware Core

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### 1.1 Kopano Groupware Core 8.7

**Important:** This release does not contain packages anymore for Ubuntu 14.04. We recommend to upgrade to either 16.04 or 18.04.

#### 1.1.1 Kopano Core 8.7.0 RC (8.6.90.x)

Released: TBD

### 1.2 Kopano Groupware Core 8.6

With the 8.5 release cycle of Kopano Groupware Core we started a new initiative to get into smaller and more frequent releases for Kopano Groupware Core. The 8.6 release will now be the first release to benefit from this.

Starting with 8.6.1.81 we have stopped installing */etc/default/kopano* (for Debian based distributions) and */etc/sysconfig/kopano* (for rpm based distributions).

**Important:** Kopano 8.6 will be the last Kopano Groupware Core release with packages for Ubuntu 14.04. We recommend to upgrade to either 16.04 or 18.04.

#### 1.2.1 Kopano Core 8.6.9 (8.6.9.0)

Released: 2018-11-28

Bug	
KC-117	Server: redirect to <i>/var/run/zarafa</i> is invalid to do in some cases
KC-1044	Vmime: webapp shows first email address that is found in from
KC-1331	Kopano-backup rewrites copymove rules by guid
KC-1340	Server: k-2170 ssl issue reported on debian buster
KC-1351	Php-mapi: got no stream or content when fetching rfc message
KC-1352	Inetmapi: sending path not adjusted for mrt capable vmime

Improvement	
KC-434	Inetmapi: vmimetomapi ignores second reply-to address
KC-1310	Client: uninitialized value in copymapipropvaltosoapproval

#### 1.2.2 Kopano Core 8.6.8 (8.6.8.0)

Released: 2018-10-05

This release changes the way the language is specified for store creation. Instead of configuring these within `"/etc/default/kopano"` or `/etc/sysconfig/kopano` they are now set by specifying `default_store_locale` within `/etc/kopano/admin.cfg`. Please consult the [language chapter](#) in the [admin manual](#) for more details.

Bug	
KC-1246	Server: mapi address book folder does not give all data
KC-1262	Creating stores fails because of missing locale
KC-1269	Storeadm: creating a duplicate user store throws public store error message
KC-1271	Daemons: services won't start if en_us locale does not exist
KC-1272	Storeadm: copy deleted store to public gives error in server.log
KC-1293	Python-magic does not exist as a dependency on sles 12

Improvement	
KC-1213	Updating php5-mapi to php7-mapi fails on ucs 4.3

### 1.2.3 Kopano Core 8.6.7 (8.6.7.0)

Released: 2018-08-21

Bug	
KC-1225	Kc_filtered_body produces scrambled umlauts
KC-1226	Imap feature enabled breaks attachments in outlook over active sync
KC-1227	Mapi_icaltomapi exception issue

Improvement	
KC-1017	Cli: kopano-cli should report quotas in mb instead of bytes
KC-1238	Dagent: advertise 8bitmime/rfc6152 support

### 1.2.4 Kopano Core 8.6.6 (8.6.6.0)

Released: 2018-08-02

Bug	
KC-1132	Server: crash near err_clear_error
KC-1198	Ical: content-type misextracted
KC-1228	Dependency issue: python-xapian not available

### 1.2.5 Kopano Core 8.6.5 (8.6.5.0)

Released: 2018-07-26

Bug	
KC-1195	Mr-autoprocessor removes categories from meetings
KC-1218	Mapi_vcftomapi segfaults on debian 9
KC-1219	Dagent: forward whitelist denied message never arrives

### 1.2.6 Kopano Core 8.6.4 (8.6.4.0)

Released: 2018-07-19

Bug	
KC-1196	Userscripts: stores created through createuser.d have broken umlauts
KC-1207	Kopano-backup does not replicate moves/deletes when used as an alternative for msr
KC-1217	User script doesn't make stores

### 1.2.7 Kopano Core 8.6.3 (8.6.3.0)

Released: unreleased

Bug	
KC-1037	Dagent: rule forwarding cannot cope with private contacts
KC-1098	Kopano-mr-accept does not work
KC-1171	Userscripts: symlinks in userscripts dir are ignored
KC-1172	Userscripts: not executed in lexicographic order
KC-1186	Backup output is doubled
KC-1192	Server: prefer compressed files when config says so
KC-1196	Userscripts: stores created through createuser.d have broken umlauts
KC-1197	Userscripts: stores deleted through deleteuser.d show error in server.log
KC-1198	Ical: content-type misextracted
KC-1201	Dagent: copy rule moves rather than copy
KC-1205	Mr-process: valueerror: month must be in 1..12

Improvement	
KC-1121	Deb: php-mapi installed kopano.ini to the wrong location on ubuntu 18.04
KC-1152	Dagent: by default, no timestamp is logged

### 1.2.8 Kopano Core 8.6.2 (8.6.2.1)

Released: 2018-06-13

Bug	
KC-379	Stdlibc frees a pointer that does not point to heap/odr violation due to symbol maps
KC-414	Handle timezone missing for rrule in vconverter/libicalmap
KC-1018	Erroneous goid generated for a meeting exception
KC-1110	Upgrade: upgrading kopano-dagent gives a conflict
KC-1123	Server: kopano-server ignores the <code>-ignore-da</code> flag
KC-1126	Kopano-dbadm: entry breaks kopano-dbadm cleanup in a multiserver environment
KC-1128	Kopano-dbadm -c parameter not working
KC-1132	Server: crash near <code>err_clear_error</code>
KC-1137	Server: cannot remove/restore orphaned stores
KC-1138	Kopano-server writes traceback on restart
KC-1140	Server: stores created through createuser.d have broken umlauts
KC-1142	Client: valgrind warning for <code>ecmessage::syncrtf</code>
KC-1149	Build: none of the python tools work when dependencies are resolved to use the python3 packages
KC-1151	Spooler: still waiting for 0 thread(s) to exit - deadlock on spooler exit
KC-1156	Wrong locale in createuser script
KC-1171	Userscripts: symlinks in userscripts dir are ignored
KC-1172	Userscripts: not executed in lexicographic order
KC-1175	Kopano filters html too aggressive

Improvement	
KC-63	Expose <code>ob_prop_b_ab_hidden</code> in the gab to allow an admin to see if an entry is set to hidden
KC-629	Stop overwriting <code>cfg</code> files on make install
KC-1125	Client: user friendly error message
KC-1155	Dbadm: safely support <code>ctrl-c</code>

### 1.2.9 Kopano Core 8.6.2 pre-release (8.6.1.99)

Bug	
KC-1137	Server: cannot remove/restore orphaned stores
KC-1151	Spooler: still waiting for 0 thread(s) to exit - deadlock on spooler exit
KC-1171	Userscripts: symlinks in <code>/etc/kopano/userscripts/*.d/</code> are ignored



### 1.2.10 Kopano Core 8.6.2 pre-release (8.6.1.81)

Bug	
KC-379	Stdlibc frees a pointer that does not point to heap/odr violation due to symbol maps
KC-414	Handle timezone missing for rrule in vconverter/libicalmapi
KC-811	Thunderbird gives an error message if you try to accept recurring messages
KC-1018	Erroneous goid generated for a meeting exception
KC-1110	Upgrade: upgrading kopano-dagent gives a conflict
KC-1123	Server: kopano-server ignores the <code>-ignore-da</code> flag
KC-1126	Kopano-dbadm: entry breaks kopano-dbadm cleanup in a multiserver environment
KC-1128	Kopano-dbadm -c parameter not working
KC-1132	Server: crash near <code>err_clear_error</code>
KC-1138	Kopano-server writes traceback on restart
KC-1140	Server: stores created through <code>createuser.d</code> have broken umlauts
KC-1142	Client: <code>valgrind</code> warning for <code>ecmessage::syncrtf</code>
KC-1149	Build: none of the python tools work when dependencies are resolved to use the python3 packages
KC-1156	Wrong locale in <code>createuser</code> script

Improvement	
KC-63	Expose <code>ob_prop_b_ab_hidden</code> in the <code>gab</code> to allow an admin to see if an entry is set to hidden
KC-629	Stop overwriting <code>cfg</code> files on <code>make install</code>
KC-1121	Deb: <code>php-mapi</code> installed <code>kopano.ini</code> to the wrong location on ubuntu 18.04
KC-1125	Client: user friendly error message
KC-1155	Dbadm: safely support <code>ctrl-c</code>

### 1.2.11 Kopano Core 8.6.1 (unreleased)

Bug	
KC-1046	Upgrade very old mysql table definitions
KC-1053	Server: long mails cannot be stored with mariadb conc 2.x
KC-1056	Backup: hangs and shows timeout errors when ics stream has a permanent error
KC-1057	Presence: presence daemon cannot deal with commented out configuration options
KC-1058	It is not possible to import a number of fields from webapp to the backend
KC-1061	Build/deb: all services should be restarted after their package is updated
KC-1074	Flagged mails for follow up are not shown in todo list
KC-1085	Valgrind: client errors ( <code>testset/kopano</code> )
KC-1089	Kopano-storeadm doesn't work when using <code>ssl server_socket</code>
KC-1095	Kopano-monitor does not start
KC-1096	Kopano-dagent does not start
KC-1102	Build: example <code>search.cfg</code> do not exist on ubuntu 16.04
KC-1103	Build: documentation not consistent with example config file location
KC-1107	Client: data corruption after exceeding 31485 named properties
KC-1108	Server: slowness when named property erroneously exists multiple times

Improvement	
KC-666	Integrate kopano-spamd with kc
KC-948	Whitelist x headers to be indexed as named properties

### 1.2.12 Kopano Core 8.6.0 (unreleased)

Bug	
KC-972	Sendas does not work anymore with inactive stores connected to ad
KC-979	Gateway: responds empty with local generated messages (from webapp)
KC-982	Server: separate store related actions to separate binary for userscripts
KC-989	Inetmapi: local generated messages has no message-id
KC-1010	Meta: coverity issue fixes for 8.6
KC-1029	Admin: kopano-admin --create-store forwards to itself
KC-1030	Dagent: reports about dagent not logging anything except restart
KC-1035	Archiver needs ssl and does not say so
KC-1036	Dagent answers with corrupt string
KC-1046	Upgrade very old mysql table definitions
KC-1050	Setting up php7-mapi shows php5 message
KC-1058	It is not possible to import a number of fields from webapp to the backend
KC-1064	Gateway: segfault on illegal mailbox names
KC-1066	Dagent: unix users email adress resolve to multiple users
KC-1110	Upgrade: upgrading kopano-dagent gives a conflict

Improvement	
KC-119	Out of office dependent rules
KC-666	Integrate kopano-spamd with kc
KC-795	Check consistency of kopano-monitor configuration
KC-898	Sso login should also accept jwt
KC-925	Logrotate missing for kopano-backup, webmeeting and presence rpm for centos7 + php56
KC-974	Add 'webapp' as valid kopano feature
KC-975	Remove mention of kopano-restore in man page
KC-981	C++ implementation of oof config utility
KC-1023	Add cli utility to print out all kopano configuration
KC-1040	Installer: instead of installing no server.cfg install a basic skeleton file

Story	
KC-1070	Packaging: final and pre-final are missing pyhton3-kopano

### 1.2.13 Kopano Core 8.6.0 RC (8.5.90)

Bug	
KC-972	Sendas does not work anymore with inactive stores connected to ad
KC-979	Gateway: responds empty with local generated messages (from webapp)
KC-982	Server: separate store related actions to separate binary for userscripts
KC-989	Inetmapi: local generated messages has no message-id
KC-1010	Meta: coverity issue fixes for 8.6
KC-1029	Admin: kopano-admin --create-store forwards to itself
KC-1035	Archiver needs ssl and does not say so
KC-1036	Dagent answers with corrupt string
KC-1046	Upgrade very old mysql table definitions

Improvement	
KC-119	Out of office dependent rules
KC-666	Integrate kopano-spamd with kc
KC-795	Check consistency of kopano-monitor configuration
KC-898	Sso login should also accept jwt
KC-925	Logrotate missing for kopano-backup, webmeeting and presence rpm for centos7 + php56
KC-974	Add 'webapp' as valid kopano feature
KC-975	Remove mention of kopano-restore in man page
KC-981	C++ implementation of oof config utility
KC-1023	Add cli utility to print out all kopano configuration

## 1.3 Kopano Groupware Core 8.5

Kopano Groupware Core has been overhauled in a way that its now capable of running mostly “without configuration files” as a result of this you might see your current configuration renamed to `*.rpmsave` or `*.dpkg-old` files. If this is the case simply rename it back and restart all services.

This move away from configuration files also revealed a mismatch in the default value in our configurations files, with the default value of the individual services, which is already [fixed for the next release](#). While in the configuration files we still define `/var/log/kopano/$servicename.log` as the default log location, all services actually default to `-` (standard output) (as introduced in [KC-745](#)). This means that systems running `systemd/journald` will find logging by default in these services.

### Known Issues:

- currently all Kopano services are not restarted in Debian based distributions. We are looking into a fix as part of ticket [KC-1061](#). Until this is resolved services needs to be restarted manually after an upgrade. Alternatively the package `needrestart` could be installed.

### 1.3.1 Kopano Core 8.5.9 (8.5.9.0)

Bug	
KC-1126	Kopano-dbadm: entry breaks kopano-dbadm cleanup in a multiserver environment
KC-1137	Server: cannot remove/restore orphaned stores
KC-1140	Server: stores created through createuser.d have broken umlauts
KC-1142	Client: valgrind warning for <code>ecmessage::syncrtf</code>
KC-1149	Build: none of the python tools work when dependencies are resolved to use the python3 packages
KC-1156	Wrong locale in createuser script

Improvement	
KC-63	Expose <code>ob_prop_b_ab_hidden</code> in the gab to allow an admin to see if an entry is set to hidden
KC-1125	Client: user friendly error message
KC-1155	Dbadm: safely support <code>ctrl-c</code>

### 1.3.2 Kopano Core 8.5.8 (8.5.8.2-0+27)

This minor release fixes two issues with the new kopano-dbadm tool.

For more information on running the kopano-dbadm tool, take a look at the [Knowledge Base article](#).

Bug	
KC-1126	kopano-dbadm: entry breaks kopano-dbadm cleanup in a multiserver environment
KC-1128	kopano-dbadm -c parameter not working

### 1.3.3 Kopano Core 8.5.7 (8.5.7.0\_0+22)

This new release of Kopano Core which contains a resolution for two vulnerabilities. Updating requires some extra attention. As the update is not a regular one, it can require some extra steps to upgrade your installation from any previous version to this new release.

#### ABOUT THE ISSUES

The issues were discovered while investigating a report by a customer that a server became slower after an upgrade. Our developers discovered that the issue was caused by an unexpectedly large number of items in one of the database tables (the 'names' table). Further investigation made clear that this is a vulnerability which in some cases has a small chance to cause a corruption or data loss in the Kopano Server database. These vulnerabilities have been identified in all previous versions of the software, going back even before the 8.0 release (pre-Kopano).

Aside from the fixing of the issue in question, the discovery led to the registration of vulnerability identifiers. The vulnerabilities have been identified as CVE-2018-8950 and CVE-2018-8951. Note that these vulnerabilities have not yet been published - but will be soon after the release of the version that contains the fix.

#### APPLYING THE FIX

This new release resolves the issue in the code, but it also requires a database schema change. In some cases, this database schema cannot be applied because the Kopano Server has found unexpected entries in the names table. This needs to be resolved with the new kopano-dbadm utility (built specifically to resolve this issue). We strongly recommend you to create a dump of the database before applying the fix (sqldump).

Applying the fix with kopano-dbadm can take some time in larger environments. However, you can also 'ignore' the schema upgrade by starting the Kopano Server with a special flag. If you choose to do so, we recommend planning to run the script to fix the issue as soon as possible in order to prevent future corruption of data.

More information about upgrading can be obtained from [our blog](#) and the [Knowledge Base](#).

Bug	
KC-379	Stdlibc frees a pointer that does not point to heap/odr violation due to symbol maps
KC-1123	server: kopano-server ignores the <code>-ignore-da</code> flag

### 1.3.4 Kopano Core 8.5.6 (unreleased)

This minor release features further improvements to *kopano-spamd* (which was introduced with 8.5.0, but not yet fully packaged) the daemon now has a configurable *run\_as\_user* and *run\_as\_group*. When using *kopano-spamd* make sure that the provided user is both part of the *amavis* group, as well as *local\_admin\_user* within Kopano.

Apart from that this update also includes a fix for [KC-1074](#), which shares the same cause as [KC-1068](#). Every newly created item will now again show up in the "To-Do List" folder in WebApp and successfully create a reminder in WebApp. For item created while running any of the previous 8.5.x builds its recommended to once start *kopano-server* with the `--restart-searches` once.

Bug	
KC-1056	Backup: hangs and shows timeout errors when ics stream has a permanent error
KC-1057	Presence: presence daemon cannot deal with commented out configuration options
KC-1074	Flagged mails for follow up are not shown in todo list
KC-1095	Kopano-monitor does not start
KC-1096	Kopano-dagent does not start
KC-1098	Kopano-mr-accept does not work

### 1.3.5 Kopano Core 8.5.5 (8.5.5.0)

Bug	
KC-1030	Dagent: reports about dagent not logging anything except restart
KC-1064	Gateway: segfault on illegal mailbox names
KC-1066	Dagent: unix users email adress resolve to multiple users

### 1.3.6 Kopano Core 8.5.4 (8.5.4.0)

Bug	
KC-1058	It is not possible to import a number of fields from webapp to the backend

### 1.3.7 Kopano Core 8.5.3 (8.5.3.0)

Bug	
KC-704	Im2inet create empty mails if attachment is missing
KC-1048	Admin: kopano-admin -user-count not working
KC-1054	Errors during to 8.5.x upgrade on centos 6

### 1.3.8 Kopano Core 8.5.2 (8.5.2.0)

Bug	
KC-815	Spooler: thread acquires mutex twice
KC-1038	Server: complaint about server_tcp_port being unequal to ldap server object value
KC-1047	Backup: check if home_server is available

### 1.3.9 Kopano Core 8.5.1 (8.5.1.0)

Bug	
KC-1032	Python: have python-kopano restart services depending on it

Improvement	
KC-1021	Kopano core server attributes
KC-1041	Rpm: move rpmsave files back to their original location after update to 8.5

### 1.3.10 Kopano Core 8.5.0 (8.5.0.1)

Bug	
KC-181	Server: search folder population does not batch restrictions
KC-549	Migration-pst: python3 support
KC-615	Server: nonsense copy in wsabpropstorage::hrloadobject
KC-723	Packaging: produce a python3-mapi
KC-770	Pr_local_commit_time_max not updated for deletes
KC-777	Migration-pst adds msgflag_unsent to pr_message_flags
KC-786	Search: pass 'limit_results' setting to xapian to improve performance
KC-787	Search: index drafts folders
KC-793	Libserver: provide persistent context to eattachmentstorage
KC-794	Server: reduce/eliminate existence check of attachments where not required
KC-798	Backup/migration-pst: archiver properties
KC-800	Fix dependency of kopano-dbg
Continued on next page	

Table 1.1 – continued from previous page

Bug	
KC-815	Spooler 8.3.x just stops working
KC-849	Php7-ext: compile error since replacing “using namespace std”
KC-854	Gateway: ts crash
KC-887	Packaging: lsb scripts missing for ubuntu 16.04
KC-890	Server: unix socket connection to soap api is closed after request
KC-895	Server not able to listen on custom port
KC-897	Installer: /etc/sysconfig/kopano is overwritten at upgrade
KC-900	Search: keep-alive causes search to lose its connection
KC-902	Backup: delegation issue
KC-903	Pyko: freebusy.publish regression
KC-905	Archiver: eclogger not released
KC-909	Search: imsgstore_openentryid fails
KC-924	/etc/kopano/autorespond is missing in sles 12
KC-928	Dagent: all meeting requests are accepted
KC-932	Crash in httpd with mapi.so loaded
KC-933	Kopano-ical is missing the service file
KC-945	Server: unrecognized attachment_storage=”database”
KC-946	Debian: plugins are not allowed in /usr/lib
KC-969	Rtf parser regression
KC-984	Kopano-admin: –list-orphans does not correctly show store-size
KC-987	Client: incorrect cast
KC-1004	Cannot update 8.4.5 to 8.4.99 on centos 7
KC-1006	Client: create store/advisesink memory leak
KC-1007	Valgrind: uninitialized value for test_mbox
KC-1008	Valgrind, kopano-server: uninitialized value for getuserlist
KC-1014	@python@ hashbang resolves to ‘python2’ without path

Improvement	
KC-62	Server: improve recursive hierarchy search
KC-217	Creation date of restored ‘notes’ items set to timestamp of restore
KC-265	Querying 50 contacts out of 10000 takes 5 seconds
KC-331	Search: cannot create .w3m file
KC-645	Server: multi-af multi-socket support
KC-666	Integrate kopano-spamd with kc
KC-681	Stop installing default configs to /etc
KC-714	Libicalmapi: improve vcard generation to also include the uid of a contact
KC-768	Gateway: switch default to use threaded mode
KC-824	Server: support /sbin/nologin for non_login_shells
KC-835	Scripts: add functionality to kopano-search-upgrade-findroots.py to allow searching in the archiver
KC-861	Installer: python version of autorespond
KC-864	Installer: remove old init scripts
KC-865	Meta: remove unused code discovered due to code coverity jobs
KC-866	Meta: code cleanup
KC-867	Meta: python-kopano fixes
KC-884	Libserver: add flag to allow logon without storing a session
KC-885	Remove m4lcommon/favoritesutil.cpp
KC-888	Server: unix socket backlog length is hardcoded to somaxconn
KC-891	Libserver: use the cache in readprops to get hierarchy information
KC-892	Libserver: use object cache in ecsearchfolders::isearchfolder
KC-893	Libserver: caching elements when we retrieve them from the mysql server
KC-894	Swig: introduced item.eml(stored=false) for easier debugging
KC-913	Php: expose ical/vcs/vcf import and export functionality of libical through php-mapi

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Table 1.2 – continued from previous page

Improvement	
KC-917	Dagent: rules: implement oof-state based rules (st_only_when_oof)
KC-931	Php: expose additional attributes for contact followup
KC-941	Server: speedup search folder loading from sql
KC-960	Server: deprecate “counter_reset”
KC-964	Gateway: remove config option imap_store_rfc822
KC-966	Gateway: remove folder cache
KC-970	Extend mapi_feature with st_only_when_oof
KC-978	Pyko: use config defaults when config does not exists
KC-1005	Html tidy: strip ‘contenteditable=true’ from div in html body

### 1.3.11 Kopano Core 8.5.0 RC (8.4.99.0)

Bug	
KC-969	Rtf parser regression

Improvement	
KC-331	Search: cannot create .w3m file
KC-681	Stop installing default configs to /etc
KC-970	Extend mapi_feature with st_only_when_oof
KC-978	Pyko: use config defaults when config does not exists

### 1.3.12 Kopano Core 8.5.0 beta (8.4.91.0)

Internal testing build.

Bug	
KC-181	Server: search folder population does not batch restrictions
KC-549	Migration-pst: python3 support
KC-615	Server: nonsense copy in wsabpropstorage::hrloadobject
KC-723	Packaging: produce a python3-mapi
KC-770	Pr_local_commit_time_max not updated for deletes
KC-777	Migration-pst adds msgflag_unsent to pr_message_flags
KC-786	Search: pass 'limit_results' setting to xapian to improve performance
KC-787	Search: index drafts folders
KC-793	Libserver: provide persistent context to ecattachmentstorage
KC-794	Server: reduce/eliminate existence check of attachments where not required
KC-798	Backup/migration-pst: archiver properties
KC-800	Fix dependency of kopano-dbg
KC-849	Php7-ext: compile error since replacing "using namespace std"
KC-854	Gateway: ts crash
KC-887	Packaging: lsb scripts missing for ubuntu 16.04
KC-890	Server: unix socket connection to soap api is closed after request
KC-895	Server not able to listen on custom port
KC-897	Installer: /etc/sysconfig/kopano is overwritten at upgrade
KC-900	Search: keep-alive causes search to lose its connection
KC-902	Backup: delegation issue
KC-903	Pyko: freebusy.publish regression
KC-905	Archiver: eclogger not released
KC-909	Search: imsgstore_openentryid fails
KC-924	/etc/kopano/autorespond is missing in sles 12
KC-928	Dagent: all meeting requests are accepted
KC-933	Kopano-ical is missing the service file
KC-945	Server: unrecognized attachment_storage="database"
KC-946	Debian: plugins are not allowed in /usr/lib
KC-969	Rtf parser regression



Improve-ment	
KC-62	Server: improve recursive hierarchy search
KC-265	Querying 50 contacts out of 10000 takes 5 seconds
KC-567	Server: checksum-based attachment storage (transport/backend-agnostic)
KC-645	Server: multi-af multi-socket support
KC-666	Integrate kopano-spamd with kc
KC-681	Stop installing default configs to /etc
KC-714	Libicalmapi: improve vcard generation to also include the uid of a contact
KC-768	Gateway: switch default to use threaded mode
KC-824	Server: support /sbin/nologin for non_login_shells
KC-835	Scripts: add functionality to kopano-search-upgrade-findroots.py to allow searching in the archiver
KC-861	Installer: python version of autorespond
KC-864	Installer: remove old init scripts
KC-865	Meta: remove unused code discovered due to code coverity jobs
KC-866	Meta: code cleanup
KC-867	Meta: python-kopano fixes
KC-884	Libserver: add flag to allow logon without storing a session
KC-885	Remove m4lcommon/favoritesutil.cpp
KC-888	Server: unix socket backlog length is hardcoded to somaxconn
KC-891	Libserver: use the cache in readprops to get hierarchy information
KC-892	Libserver: use object cache in ecsearchfolders::isearchfolder
KC-893	Libserver: caching elements when we retrieve them from the mysql server
KC-894	Swig: introduced item.eml(stored=false) for easier debugging
KC-913	Php: expose ical/vcs/vcf import and export functionality of libical through php-mapi
KC-917	Dagent: rules: implement oof-state based rules (st_only_when_oof)
KC-931	Php: expose additional attributes for contact followup
KC-941	Server: speedup search folder loading from sql
KC-960	Server: deprecate "counter_reset"
KC-964	Gateway: remove config option imap_store_rfc822
KC-966	Gateway: remove folder cache

## 1.4 Kopano Groupware Core 8.4

### Known Issues:

n/a

### 1.4.1 Kopano Core 8.4.6 (8.4.6.0)

Bug	
KC-815	Spooler 8.3.x just stops working
KC-932	Crash in httpd with mapi.so loaded
KC-969	Rtf parser regression
KC-984	Kopano-admin: -list-orphans does not correctly show store-size

### 1.4.2 Kopano Core 8.4.5 (8.4.5.0)

Bug	
KC-355	Server: segv in getpropfromobject / bin2hex
KC-669	Server: crash near eccachemanager::getpropfromobject, bin2hex
KC-754	Server: crash near bin2hex with 8.3.2~15, 8.4.4.0
KC-916	Server: ntlm_auth not working in 8.4.3
KC-924	/etc/kopano/autorespond is missing in sles 12

### 1.4.3 Kopano Core 8.4.4 (8.4.4.0)

Bug	
KC-419	Inetmapi: mapi_inetmapi_imtomapi appends rather than replaces recipients
KC-897	Installer: /etc/sysconfig/kopano is overwritten at upgrade

### 1.4.4 Kopano Core 8.4.3 (8.4.3.4)

Bug	
KC-868	Dagent: unspecific segfault in 8.4.1
KC-871	Dagent: redirect rule do not work anymore in 8.4.2
KC-875	Php5-ext: fix positive retval setting in error case

Improvement	
KC-879	Dagent: enable automated backtraces when invoked with -f

### 1.4.5 Kopano Core 8.4.2 final (8.4.2.0)

Bug	
KC-869	server: high MySQL load with upgrade to 8.4.1

### 1.4.6 Kopano Core 8.4.1 final (8.4.1.0)

Bug	
KC-263	vmime: handle empty/invalid Sender in RFC2822 mails
KC-863	spooler: spooler: check trash for deleted send-later mails

### 1.4.7 Kopano Core 8.4.0 final (8.4.0.1540)

Bug	
KC-802	Gateway: imaps not accessible anymore after sighup
KC-844	Removing a user from a folder permission does not work
KC-848	Spooler: a deleted send later e-mail is still sent
KC-852	Server: bigint unsigned not supported in debian 9

Improvement	
KC-612	Port functionality of kopano-mr-process and mr-accept from php to python-kopano
KC-830	Ship basic apparmor profiles

### 1.4.8 Kopano Core 8.4.0 RC 1 (8.4.0~1516)

Bug	
KC-283	Default 15min reminder from accepted mr don't pop up
KC-581	Valgrind: testset/kopano, memory lost for kc::vcftomapi_parse_vcf
KC-689	Inetmapi: im2inet generates wrong headers
KC-772	Inetmapi(?): recipient gets replaced by ""@"@hostname'
KC-777	Migration-pst adds msgflag_unsent to pr_message_flags
KC-779	Server: segfault when logrotate is running
KC-792	Ical: crash in stripguid
KC-803	Ical: garbage pointer freed near end of hrgetfreebusy
KC-812	Migration-pst: skip archiver properties
KC-813	Search: upgrade script doesn't work
KC-826	Dagent 8.3.4: crash near hrcopyproperty
KC-827	Ical: crash near the end of hrgetfreebusy
KC-837	%post user creation should use -s nologin
KC-838	Server: assertion eccachemanager.cpp:232 triggers

Improvement	
KC-639	Move "backing up folder" and "found previous folder.." to log_level notice
KC-821	Update "compiling from source"
KC-828	Add python scripts to debian packaging
KC-829	Server does not log succesful start anymore

### 1.4.9 Kopano Core 8.4.0 beta 1 (8.4.0~1430)

Bug	
KC-286	Kopano-server dies if locale cannot be loaded
KC-363	Apple mail will only sync email after certain date in inbox over imap
KC-482	Python-kopano: support softdeleted folders
KC-498	Resource shows mr always as tentative
KC-522	Kopano-search and kopano-presence services not stopping gracefully
KC-525	Setflags: entryid has size 0; not enough for eid_v0.usflags
KC-539	Kopano-presence installation issues on suse 12
KC-545	Backup: doesn't like interesting macintosh attachments
KC-555	Backup: cannot serialize item: improve logging
KC-565	Server: reminders of private appointments from shared store are shown
KC-566	Search: email address is not indexed for non-existing zarafa user
KC-569	Pyko: add basic folder hierarchy sync support
KC-575	Backup: could not serialize attachment
KC-621	Kopano user needs .bashrc for rh-php56 to run cli commands on rhel/centos 6/7
KC-624	Inetmapi: "inline" images marked as disposition=attachment appearing as inline.txt
KC-628	Server: error k-1570 is being logged when sending a mail through webapp
KC-630	Server/spooler: self-kill is not succeeding
KC-632	Pyko: prefetch common object data with getcontenttable?
KC-638	Kopano-monitor does nothing
KC-642	Kopano-dagent throws python error, when trying to deliver a mail via pipe
KC-643	Kopano-search and kopano-presence do not properly stop when log_method is set to syslog
KC-644	Server: remove server-side auto update for zcp client
KC-647	Libmapi: wrong construction of plugin path
KC-651	Migration-pst: import to public store
KC-653	Gateway imap: marked email in thunderbird not visible in webapp
KC-655	Gateway: crash due to incorrect smart pointer handling
KC-658	Server: strange if check in ecusermanagement.cpp

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Table 1.3 – continued from previous page

Bug	
KC-660	Python services can't start
KC-662	Backup: writing to disk part is slow
KC-663	Backup: associated items are synced
KC-673	Client: incorrect queryinterface casting
KC-677	[python-mr] canceling a meeting request won't update the resource
KC-679	Python-mapi: opening embedded item in public store, computer says no
KC-683	Server/backup: ics on large folder (130k+ items) fails
KC-686	Backup: use guid instead of entryid for folder names
KC-687	Backup does not dump and restore acls on store level
KC-691	Python-mr: the capacity function doesn't work for resources
KC-703	Server: sending read receipts will throw error as "could not save message"
KC-710	Apple mac clients and thunderbird can not sync calender anymore after update to 8.3.0
KC-713	Inetmapi: improve naming of inline.{bin,txt,jpg}
KC-716	Tools: mapi_e_not_found when trying to remove all mailbox permissions
KC-720	Gateway: imap bodystructure with encoded data emitted wrongly
KC-727	Inetmapi: crash in spooler with group resolve
KC-733	Server: unset ld_preload at the right time
KC-743	Guids are not byteswapped on big-endian
KC-744	Server: softdelete cleanup should run automatically
KC-745	Server: suboptimal reporting of embedded_attachment_limit=0
KC-746	Kopano-dev prevents kopano-server from being installed
KC-748	Client: regression/segfault after commit 2633e
KC-749	Client: subscriptions stay on for too long / test_imapitable.subscriptions test failure
KC-750	Caldav: apple ical throws "cannot open inbox folder"
KC-751	Build: ftbfs with libs3
KC-753	Both py2 and py3 are mandatory
KC-759	Dagent: confusing autoresponder error message in dagent.log
KC-760	Obs: gosap and gsoap-dev are trying to install the same files
KC-763	Dagent: send-as on group does not work in 8.4 anymore
KC-771	Installer: remove configuration options of client_update
KC-788	Migration-pst: unknown named-properties
KC-789	Make displaying of shared-store reminders configurable
KC-800	Fix dependency of kopano-dbg
KC-805	Search: attachment filenames not always indexed?
KC-806	Backup: --restore restores deleted folders (as empty)
KC-809	Backup: --restore --skip-attachments doesn't work
KC-810	Cli: --ooo-clear is broken
KC-820	Backup: bodies disappear for old data

Improve-ment	
KC-66	Running search in background, logging may still appear in terminal
KC-165	Php: wrap kc-67 functions for php
KC-364	Backup: add backup_servers back to backup.cfg
KC-393	Obs: separate the archive utils from kopano-utils
KC-399	Introduce kopano-cli as successor of kopano-admin
KC-411	Show better error when user does not exist when perform kopano-backup
KC-421	Search: reindexing user should show username
KC-438	Implementation of a mailbox store relocater
KC-463	Php-mapi classes: diff from z-push
KC-464	Php-mapi classes: diff from kopano-webapp
KC-475	[kopano-backup] add option to backup only local users in a multi-server environment
KC-485	Migration-pst: option to clean folders before re-import
KC-497	Server: enhance “not all objects in relation found for object”/”unable to retrieve” to give indication of actual missing object
KC-527	Remove sync_log_all_changes from kopano-server
KC-533	Extend scripting toolset availability: fix-ipm-subtree, localize-folders, systemfolders, rules
KC-578	Filtering html at delivery time with libtidy
KC-579	Wrong logging in kopano-ical log
KC-592	Kopano-server refuses to start with unknown config settings in server.cfg
KC-606	Encode headers in python-kopano
KC-627	Backup: add the ability to write backup increments into a separate directory for more efficient offsite backups
KC-629	Stop overwriting /etc/kopano/*.cfg on make install
KC-641	Possibility to create kopano mysql tables afterwards manually if empty database exists
KC-667	Client: avoid pointless logon calls during updateproviders
KC-668	Gateway: imap envelope with encoded subjects emitted wrongly
KC-702	Server: stat cache for s3
KC-728	Server: completely disable reminders for shared stores again
KC-804	Server: typo on log message

## 1.5 Kopano Core 8.3

### 1.5.1 Kopano Core 8.3.4 (8.3.4.12)

Bug	
KC-565	Server: reminders of private appointments from shared store are shown
KC-773	Monitor: segfault when sending quote report
KC-777	Migration-pst adds msgflag_unsent to pr_message_flags
KC-788	Migration-pst: unknown named-properties
KC-789	Make displaying of shared-store reminders configurable

Improvement	
KC-783	Improve handling for over quota stores when delivering as admin

### 1.5.2 Kopano Core 8.3.3 (8.3.3~23)

Improvement	
KC-728	Server: completely disable reminders for shared stores again

### 1.5.3 Kopano Core 8.3.3 (8.3.3~22)

Bug	
KC-104	Server: dependency on deprecated zlib behaviour
KC-314	Server: attachment error after update from 7.1.14 to kopano 8.1.0-335
KC-597	Server: problems with multi-stream gzip attachments since update from zcp 7.2.4 to 7.2.5
KC-638	Kopano-monitor does nothing
KC-694	Spooler: crash in isrtfhtml
KC-720	Gateway: imap bodystructure with encoded data emitted wrongly
KC-745	Server: suboptimal reporting of embedded_attachment_limit=0
KC-751	Build: ftfbs with libs3
KC-760	Obs: gosap and gsoap-dev are trying to install the same files
KC-773	Monitor: segfault when sending quote report

Improvement	
KC-393	Obs: separate the archive utils from kopano-utils
KC-728	Server: completely disable reminders for shared stores again

### 1.5.4 Kopano Core 8.3.3 beta (8.3.3~3-1.2)

Bug	
KC-720	Gateway: imap bodystructure with encoded data emitted wrongly

### 1.5.5 Kopano Core 8.3.2 RC & final (8.3.2~15)

Bug	
KC-630	Server/spooler: self-kill is not succeeding
KC-683	Ics on large folder (130k+ items) fails
KC-710	Apple mac clients and thunderbird can not sync calender anymore after update to 8.3.0
KC-720	Mac cannot display mutli-part mails
KC-727	Inetmapi: crash in spooler with group resolve

Improvement	
KC-668	Gateway: encoded subjects are emitted wrongly, imap clients won't show content

### 1.5.6 Kopano Core 8.3.1 final (8.3.1~41)

No relevant code changes

### 1.5.7 Kopano Core 8.3.1 RC (8.3.1~38)

Bug	
KC-107	Kopano-presence init script prints to command line
KC-656	Server: crash due to unchecked return value, unsigned underflow, random memory scribble
KC-682	8.3.x unittest issues
KC-690	Spooler: spooler fails to run due to failed permissions

Improvement	
KC-319	Evaluate pr_message_recip_me for out of office messages
KC-684	Spooler: cannot access ssl keyfile when directory has just +x

### 1.5.8 Kopano Core 8.3.1 beta (8.3.1~15-1.1)

Bug	
KC-588	Spooler: main process deadlocks when sending error messages
KC-593	Dagent whitelist_domain doesn't accept @-sign
KC-662	Backup: writing to disk part is slow
KC-664	Plain text mails generate html even where it shouldn't
KC-669	Server: crash near eccachemanager::getpropfromobject, bin2hex

Improvement	
KC-480	[python-kopano] implement basic restriction support
KC-618	Forward_whitelist_domain bounce message in text file or variable
KC-623	Drop bugfix release indicator in elf symbol version

### 1.5.9 Kopano Core 8.3.0 final (8.3.0~1042-2.1)

Bug	
KC-534	Migration-pst: performance

Improvement	
KC-334	Update administrator manual in regards to kopano-backup
KC-596	Treat win-1252 as windows-1252
KC-623	Drop bugfix release indicator in elf symbol version

### 1.5.10 Kopano Core 8.3.0 beta (8.3.0~1007)

Bug	
KC-143	Stores are not automatically created when moving users in a multiserver environment
KC-171	Sigint to gdb is not passed through to z-server
KC-275	Out of office is directly enabled when -from is set in the future
KC-282	Mr accept "comment to organizer" is not shown to organizer
KC-311	Python-kopano: folders in mapi are case insensitive
KC-321	Auto-upgrade findroots in kopano-server
KC-322	Auto-clean unclosed search folders in kopano-server
KC-339	Backup: traceback in dump_rules
KC-340	Backup: unable to backup user when primary store of that user does not exist
KC-361	Inline images from jira are broken in outlook over as
KC-365	Unable to use ldap as user plugin
KC-379	Stdlibc frees a pointer that does not point to heap/odr violation due to symbol maps
KC-381	Remove echoing of the check when compiling
KC-388	Apache crashes when sending signed / encrypted emails
KC-394	Broken dependency with kopano-dsd on centos 7
KC-402	If cache_server_size is set to 0 kopano-cachestat.py throws an error
KC-405	Kopano-admin pyrewrite broke ts
KC-418	Inetmapi: unknown/invalid charset cp-850
KC-424	Migration-pst: strange characters before (each?) subject
KC-446	Swig/inetmapi: memleak when converting from mapi
KC-448	Python-mapi: setprops leak on wrong type
KC-452	Backup: cannot backup remote users
KC-474	[kopano-backup] backup doesn't work for users on other servers
KC-479	Python-kopano: store(entryid) arg should be hex-encoded
KC-483	[python-kopano] logging to stderr is broken (log_file = -)
KC-486	Pt_srestrict definition not found in kopano.migration-pst

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Bug	
KC-487	“top of outlook data file” vs. “top of personal folders”
KC-492	Pyko: problems resolving companies and company users
KC-499	Swig: delete/free mismatch for sending_options
KC-500	Valgrind: compareentryids errors
KC-502	Pyko: listing users/stores too slow on large (multiserver?) system
KC-505	Kopano-migration-pst fails for non local users
KC-506	Kopano-migration-pst cut off top of outlook data file and others
KC-513	Kopano-search still logs in log_level = 0
KC-515	Valgrind: server memleak in getchanges (ics)
KC-519	Valgrind: server delete/delete[] mismatch
KC-520	Pyko: move imports to top of module
KC-524	Pyko: item in soft-deleted folder has no parent folder
KC-528	Unbalanced number of release calls in hrstreamtostring
KC-531	Dagent segfault in multiserver environment
KC-541	Swig: use memory_ptr
KC-550	Fix libserver’s inconsistent allocator uses
KC-557	Pr_body ends up empty for 0-byte prefixed pr_html
KC-573	Crash in kopano-{dagent,spooler} during python bringup
KC-583	Valgrind: server: free/delete mismatch for ecgenericobjecttable::addrowkey
KC-584	Valgrind: server: free/delete mismatch for eccachemanager::getpropfromobject
KC-585	Valgrind: server: free/delete mismatch for createfolder
KC-586	Valgrind: server: free/delete mismatch for expanddeleteditems
KC-587	Valgrind: server: free/delete mismatch for getchanges
KC-588	Spooler main process hangs if child has crashed
KC-602	Empty ldap_search_base not possible anymore

Improvement	
KC-150	Add mapi property to store attachment size
KC-205	Xapian-compact script should remove database for removed users/stores
KC-222	Backup: lock directory
KC-297	Search: suggestions are always lowercase
KC-320	Pyko: group class does not have a ‘prop’ method
KC-324	Rework error message of kopano-search in case it does not have access to external server
KC-329	Move to smart pointers (memory_ptr)
KC-331	Search: cannot create .w3m file
KC-357	Wrap kopano code into namespace{ }
KC-358	Constify setprops proptag argument
KC-369	Symbol visibility: add map files
KC-370	Make logging of raw email in dagent possible for a specified user(s)
KC-384	Do not generate man pages from xml
KC-401	Python-kopano: user.admin does not work for sysadmins
KC-403	Pr_ec_statstable_system add used userplugin
KC-410	Move to smart pointers (object_ptr)
KC-420	Utilise libvcal in libicalmapi
KC-437	Expose eclogger to python and thereby make loglevel configurable
KC-441	Move to smart pointers (rowset_ptr)
KC-447	Kopano core should fetch the body of an s/mime attachment and put it into the mapi message body
KC-456	Modernize class constructors
KC-458	Move to smart pointers for malloc-free pairs
KC-462	Replace pthread_rwlock by std::shared_mutex
KC-468	Add readme.md and contributing.md to git repo
KC-472	Make changes to softdelete_lifetime config option reloadable

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Table 1.5 – continued from previous page

Improvement	
KC-478	Fix syntax of database_structure.md
KC-480	[python-kopano] implement basic restriction support
KC-489	Valgrind: hrcopyproperty uninitialized value
KC-504	Ecconfig getsetting/parsebool crashes if setting is not found
KC-511	Fix markdown syntax of doc/code_structure.md
KC-516	Gsoap 2.8.41 breaks http/https connections
KC-517	Add recognition for more anti-autoreply headers
KC-561	Kopano-set-oof should dump date_from and date_until

## 1.6 Kopano Core 8.2

### 1.6.1 Kopano Core 8.2.1 final (8.2.1.531)

Improvement	
KC-534	Performance improvements migration-pst

### 1.6.2 Kopano Core 8.2.1 final (8.2.1.530)

Bug	
KC-553	/usr/sbin/kopano-search-upgrade-findroots.py is missing a she-bang and can therefore not be executed directly
KC-556	Kopano-dagent crash with traceback
KC-557	Pr_body ends up empty for 0-byte prefixed pr_html
KC-568	Missing text in body in mr on attendee site
KC-576	Traceback kopano-ical gateway

### 1.6.3 Kopano Core 8.2.0 final (8.2.0.523-2.1)

Bug	
KC-138	Meeting invitations received from RaumfürRaum with more than two attachments are missing the body
KC-461	php-mapi classes are in wrong directory on SLES 12 SP1

Improvement	
KC-396	GSSAPI Implementation in KC client

## 1.6.4 Kopano Core 8.2.0 beta2

Bug	
KC-99	Unknown value for runlevel for multiple daemons
KC-144	Rule saving problem deletes all rules
KC-313	Mr processing breaks when receiving ical-mr created on ios
KC-338	Characters out of ascii-range broke when moving the mail to public folder
KC-348	Mails contains winmail.dat on ios-devices
KC-371	Remove dependency on python-progressbar
KC-376	Soft deletes are being delete from backup
KC-377	Kopano-migration-pst package is missing colorama and progressbar as dependency
KC-380	Permission discrepancy between compressed and non compressed attachments.
KC-390	Imported email via pst importer is missing pr_attach_num property for embedded messages
KC-391	Traceback when importing pst -> TypeError: an integer is required
KC-408	No free busy shown for attendees

Improvement	
KC-63	Expose ob_prop_b_ab_hidden in the gab to allow an admin to see if an entry is set to hidden
KC-208	Search / backup and sync_lifetime in server.cfg
KC-270	Cache sizes are not reported correctly due to misalignments with memory allocators
KC-290	Kopano-search should match on underscores
KC-302	Php-ext: add ical import/export support
KC-347	Kopano-admin -list-userquota-recipients
KC-372	Use -help parameter if no arguments are giving using kopano-migration-pst
KC-373	Show human readable error when user is not resolvable while importing pst
KC-400	Kopano-backup -s public broken

## 1.6.5 Kopano Core 8.2.0 beta1

Bug	
KC-93	Zcp getgroup memleak
KC-127	Kopano-presence cannot be started in a dedicated host
KC-170	Kopano-server does not use aws4-hmac-sha256 to authenticate to s3
KC-180	Backup: corrupt 'rules' file of 0 bytes
KC-204	Kopano-search also logs to /var/log/messages on rhel-based systems
KC-235	Meta: coverity issues fixed for 8.2
KC-237	Kopano-search-xapian-compact depends on xapian-tools
KC-239	Kopano-admin lists enabled and disabled features for groups
KC-274	Child thread segfault when signing on webapp
KC-277	Kopano-gateway-based transport adds unwanted headers

Improve-ment	
KC-73	Add support for ads
KC-87	Abolish goto-type function unwinding
KC-88	Reduce for-loop iterator verbosity
KC-109	Whitelist for domains to forward to in rules
KC-152	Add tnef for reminder e-mails / allow e-mail followup for receivers by adding another exception to spooler
KC-159	Php-ext: improve makeguid performance
KC-169	Update documentation regarding the use of the global catalog with ad forests
KC-187	Man pages missing for kopano-archiver-aclset, kopano-archiver-aclsync and kopano-archiver-restore
KC-191	Replace pthread mutexes by std::mutex
KC-207	Pyko: discriminate between normal and 'permanent' search folders
KC-228	Do more parallel building
KC-229	Untangle ldap attribute settings from config files
KC-230	Support openssl 1.1 / removes sslv2
KC-259	Z-push 2.3.0-1 triggers apache2 segfault in php7-ext
KC-261	Move to new libgsoap version
KC-263	Move to new libvmime version
KC-266	Backup: ics creates delete events without update events
KC-267	Pyko: parser args are not unicode
KC-271	Allow searchfolders outside of own store

## 1.7 Kopano Core 8.1

### 1.7.1 Kopano Core 8.1.1 final

Minor release to address kopano-backup changes.

Bug	
KC-306	Creating a backup with kopano-backup against zarafa-server gives an error
KC-307	Traceback when restoring backup from zcp 7.2
KC-308	Traceback when restoring backup from zcp 7.2
KC-323	Rules are not restored if the folder is not restored yet.
KC-340	Backup: unable to backup user when primary store of that user does not exist
KC-376	Soft deletes are being delete from backup

Improvement	
KC-213	Backup: dump_rules two exceptions
KC-266	Backup: ics creates delete events without update events
KC-267	Pyko: parser args are not unicode

### 1.7.2 Kopano Core 8.1.0 final

The rc1 has been rebranded to the final version.

### 1.7.3 Kopano Core 8.1.0 RC1

[KC-234]	delete a calendar item result in segfaulting apache
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### 1.7.4 Kopano Core 8.1.0 beta2

[KC-224]	kopano-spooler transports malformed message id to MTA
[KC-219]	tc_malloc seems not enabled for debian based distributions
[KC-215]	unable to run backup as kopano user
[KC-209]	Apache2 Segfault when setting permissions with WebApp
[KC-200]	remove kopano-compat package
[KC-198]	pyko: Service.server creates new connection
[KC-192]	backup: dump_delegates exception
[KC-184]	pyko: dates above Y10K cause exception
[KC-162]	backup: folder with unicode name gets deleted
[KC-158]	php7: search does not work
[KC-148]	kopano-admin: Show proptag instead of hex value for smimeCertificate
[KC-146]	kopano-presence and kopano-search status does not give name of binary
[KC-145]	Unable to connect to a public folder with MacOSX / ical
[KC-142]	Remove sparsehash support from ECCachemanager
[KC-140]	Mutex held for too long, ECSearchFolders::ProcessMessageChange
[KC-137]	Correct default permissions for config files
[KC-134]	Rules can not be saved in WebApp
[KC-131]	Mail is bounced and gives error in spooler.log
[KC-130]	Body of draft complains about archiver
[KC-128]	backup-plus: create cfg man page, distribute cfg file
[KC-97]	addressbook.openentry/hrgetchanges memleaks
[KC-94]	Create working ldapms configurations for openldap and active directory.
[KC-83]	missing Umlauts in Mail
[KC-65]	add an example ldap multi-server config and schema
[KC-61]	Daemons do not exit with signal when crashing
[KC-50]	unable to install gsoap-kopano-dbg : gsoap-kopano is not available
[KC-44]	pyko: attachment serializing should check for ATTACH_BY_VALUE before touching PR_ATTACH_DATA_BIN
[KC-39]	implement archiver extra utilities aclset, aclsync and restore scripts
[KC-21]	kopano-devel requires unsatisfiable libkchl.so.0 on RH7
[KC-11]	Connecting with CalDAV and Thunderbird, MR-Time shifted one hour
[KC-10]	php-mapi requires unsatisfiable libical.so.0 on RH7
[KC-4]	libgsoap-kopano-2-8 package missing in Debian download

## 1.7.5 Kopano Core 8.1.0 beta1

[KC-2]	Support for MySQL 5.7
[KC-6]	Kill slow PR_LAST_LOGON_TIME accounting
[KC-14]	Connecting with CalDAV and Thunderbird, MR-Time shifted one hour
[KC-17]	search optional junk indexing
[KC-18]	ICS log channel is empty
[KC-22]	kopano-backup restores everything as mail folders
[KC-40]	kopano-search.cfg uses outdated parameters
[KC-41]	kopano-search stops when encountering MAPIErrorDiskError
[KC-45]	backup: backup item even if attachments cannot be opened
[KC-46]	search syncrun command (for testing) should not use sleeps
[KC-47]	libgsoap-kopano-2-8 missing from Ubuntu 14.04 download package
[KC-49]	search suggestions
[KC-53]	kopano-spooler does not start by default
[KC-52]	unknown ICS issue 7.2.3
[KC-57]	search should perhaps not index certain folders, such as drafts and outbox
[KC-58]	Optimize properties update candidates by using "INSERT ... ON DUPLICATE KEY" syntax instead
[KC-60]	SIGBUS in bin2hex
[KC-71]	unable to reload services using systemctl
[KC-72]	search memory leak
[KC-74]	Mysterious LDAP time outs
[KC-75]	init scripts for search daemon isn't fully functional
[KC-77]	dagent ends up in an infinite loop when tmp_path is unwritable
[KC-78]	backup: user without store (which is pretty common)
[KC-80]	CentOS 6 remove the need to use the EPEL repo
[KC-82]	kopano-server sends netlink message with trailing bytes
[KC-86]	MAPIErrorNotFound on kopano-search --reindex SYSTEM with 8.0.1
[KC-96]	search dead but subsys locked
[KC-100]	kopano-mailbox-permission unicode crash
[KC-102]	[spooler] Unclear which rule is not able to create an email

## 1.8 Kopano Core 8.0

### 1.8.1 Kopano Core 8.0.3

[KC-224]	kopano-spooler transports malformed message id to MTA
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### 1.8.2 Kopano Core 8.0.2

[KC-203]	contact items are not being synced to mobile devices
[KC-162]	backup: folder with unicode name gets deleted
[KC-78]	backup: user without store
[KC-192]	backup: dump_delegates exception

### 1.8.3 Kopano Core 8.0.1

[KC-4]	libgsoap-kopano-2-8 package missing in Debian download
[KC-22]	kopano-backup restores everything as mail folders
[KC-50]	unable to install gsoap-kopano-dbg : gsoap-kopano is not available
[KC-52]	unknown ICS issue 7.2.3
[KC-53]	kopano-spooler does not start by default
[KC-60]	SIGBUS in bin2hex

## 1.9 Kopano ADS

### 1.9.1 Kopano ADS 1.1-76

Improvement	
<a href="#">KC-767</a>	Kopano ADS should check if the value of mail already exists before saving a modified entry
<a href="#">KC-717</a>	ADS plugin. Room is not set as shared store only
<a href="#">KC-670</a>	configurable default domain in ActiveDirectory

### 1.9.2 Kopano ADS 1.0

No changelog was generated, since it was the first public release. See <https://kopano.com/releases/kopano-active-directory-extension-1-0-final-released/> for more information.

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## Kopano WebApp

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### 2.1 Kopano WebApp 3.5

#### 2.1.1 Kopano WebApp 3.5.0.2047

Released: 13.12.2018

Bug	
KW-2900	Escaped html shown in print preview
KW-2902	Print preview is empty
KW-2904	Updated meeting requests do not have an icon

Improvement	
KW-2909	Improve print code

#### 2.1.2 Kopano WebApp 3.5.0.2032

Released: 06.12.2018

Bug	
KW-805	Increase height of edit sender, edit recipient dialog
KW-1155	Edge - tool tips unnecessarily use an extra line
KW-1320	Month picker in suggested times not visible
KW-2411	Block middle-click in folder hierarchy
KW-2730	[minimal tinymce] font size wrong when inserting browser spell checker suggestion
KW-2757	Html signatures are not prepended with an empty line in pop-outs
KW-2758	Html signatures are prepended with one empty line
KW-2769	Inline images not loaded for printout
KW-2787	Deleted inline images is sent as unknown_content_type.jpg
KW-2819	Day view printing dates should be translatable strings
KW-2855	“php notice: use of undefined constant loglevel_off” when deploying webapp
KW-2857	Title counter: open about link in new window
KW-2865	Regression: widget collapse/expand icon does not change

Improvement	
KW-169	Allow a user to disable their favorites
KW-617	Export calendar items as ics
KW-1008	Only show scrollbar while hovering element
KW-2245	Favorites folders should always be visible
KW-2487	Pluggable icon packs
KW-2493	What's new: icon pack
KW-2666	Import ics / vcs from upload
KW-2743	Add option to delete items directly to soft delete for shared folders
KW-2813	Include location in print overview
KW-2843	[task widget] hide email followups when marked as done
KW-2850	Make the new icon pack default
KW-2853	Remove panel collapse / expand animation
KW-2860	[minimal tinymce] empty lines are removed when viewing from outlook
KW-2875	Npm files should be ignored or added to the repository
KW-2882	Update package.json dependencies to non-vulnerable one
KW-2887	Remove bracket from mail counter

## 2.2 Kopano WebApp 3.4

### 2.2.1 Kopano WebApp 3.4.24.1929

Released: 08.11.2018

Bug	
KW-2017	[desktop notification plugin] disable autohide does not work
KW-2581	Images not shown in body
KW-2676	Log message string when user is deleted is split over multiple lines
KW-2768	Missing tooltips for widget buttons
KW-2797	Removed users meeting request opening throws javascript errors
KW-2815	[desktop notifications plugin] reminder does not appear as desktop notification
KW-2835	Print within the main webapp window
KW-2849	[folder widgets] height not re-applied

Improvement	
KW-1311	[desktop notifications plugin] don't mention 'chrome and firefox'

### 2.2.2 Kopano WebApp 3.4.23.1909

Released: 23.10.2018

Bug	
KW-2162	Insufficient privileges message popups while moving appointment in public calendar
KW-2278	Link to a file on a network share would be rewritten
KW-2657	Direct booking method broken
KW-2694	[appointment widget] items cannot be unselected
KW-2697	While attachment is being uploaded saving is possible
KW-2760	Wa fails to handle flatentrylist structure for multi reply-to
KW-2798	Ambiguous recipient when receiving meeting request
KW-2799	Mapi_e_unknown_entryid when importing an malformed pr_reply_recipient_entries
KW-2801	Configure widget dialog should be slightly bigger
KW-2806	Error shows in debug.txt when add resource in recurring exception
KW-2826	Text color in category blocks in the calendar tooltip is always white



Improvement	
KW-613	Import calendar items (ics & vcs) from attachment
KW-1718	Let webapp show client & server versions
KW-2013	Delete all items from folder
KW-2525	Replace the current widget plugin with the advanced widget plugin
KW-2535	Advanced task/appointments widget: show categories as we do it now
KW-2537	[appointment widget] do not show appointments in the past
KW-2735	Move html editor plugin to webapp core
KW-2802	Rename task widget to task / todo
KW-2804	Make booking resources not look like an error

### 2.2.3 Kopano WebApp 3.4.22.1782

Released: 21.09.2018

Improvement	
KW-648	Out of office dependent rules
KW-2793	Revert: kw-2214

### 2.2.4 Kopano WebApp 3.4.22.1776

Released: 17.09.2018

Bug	
KW-1841	Date from signed and encrypted mails are not shown in search results
KW-2189	Calendar title not cut off properly in create in drop-down menu
KW-2547	Ampersand html code visible full name
KW-2579	Address book dysfunctional after removing shared folder permission
KW-2761	Webapp tries to access a subfolder inside a restricted parent folder

Improvement	
KW-361	Get notifications about new mail in other users' inboxes *
KW-1470	Configuration window of a widget should be modal
KW-2193	Use kopanoenabledfeatures to enable/disable webapp/deskapp
KW-2339	Per-user logging in webapp
KW-2658	Support to open eml files with deskapp
KW-2752	Reduce code duplication in quickitems
KW-2771	Change widget labels to place holder text
KW-2784	Increase size of "add widget" dialog
KW-2785	Change widget panel name from "kopano" to "widgets"

- When adding a shared store you currently need to login and logout to receive notifications. More info in: KW-2788

### 2.2.5 Kopano WebApp 3.4.21.1723

Released: 29.08.2018

Bug	
KW-315	Webapp rpm lacks a dependency on mbstring
KW-2443	Inline image declared as content-type: image/plain
KW-2701	Reminder dialog and in-browser notification appear in pop-out window
KW-2741	Unable to copy calendar / meeting with shortcuts
KW-2742	Space missing in copied appointment text
KW-2745	Unable to login when quick appointment widget is enabled

Improvement	
KW-1373	Hierarchy list request is slow
KW-1989	Add group criteria sender to the mail grid
KW-2031	Improve text in 'accepting task' dialog
KW-2550	Improve tool tips text
KW-2647	Improve performance of loading the hierarchy with shared stores

## 2.2.6 Kopano WebApp 3.4.20.1690

Released: 14.08.2018

Bug	
KW-2027	Print dialog does not open
KW-2214	'send as attachment' should not add forward indicator to the message (fw:)
KW-2460	Appointment saved into the wrong calendar with read only permissions
KW-2628	Strip sgml comments in style attribute
KW-2700	Today's appointment widget shows escaped html
KW-2715	Escaped html shown when no signatures are configured

Improvement	
KW-185	Filter to show unread e-mails only
KW-1191	Show email address when printing an email
KW-1675	Hide the number of unread e-mails as part of the search folder favorite name
KW-2650	Remove not required hashing from reminderlistmodule
KW-2674	[json themes] support x-menu-item-selected
KW-2709	Update default columns of the contact folder
KW-2712	Ooo text input field should be larger

## 2.2.7 Kopano WebApp 3.4.19.1649

Bug	
KW-1958	Country code jumps to the wrong field
KW-2528	Basic shortcuts are not enabled by default when kopano-files is not installed
KW-2705	Broken members of distributionlist break the whole list

## 2.2.8 Kopano WebApp 3.4.18.1642

Released: 23.07.2018 (pre-final only)

Bug	
KW-1728	Xss injection via description and image urls in what's new dialog
KW-2237	Removing attachment and send meeting request still have the attachment
KW-2575	Canceled attachments are still uploaded
KW-2685	Xss via components names
KW-2688	Deleting a gab user which is part of a distribution list breaks the list
KW-2689	Accepting meeting request in shared store throws error

Improvement	
KW-1969	Add to favorites dialog remove 'folder name'
KW-2267	Refactor reminder dialog iconclass code
KW-2604	Build webapp for ucs 4.3
KW-2612	Ucs 4.3 spellchecker plugin support
KW-2613	Ucs 4.3 support for plugin mattermost
KW-2614	Ucs 4.3 support for desktop notification plugin

### 2.2.9 Kopano WebApp 3.4.17.1607

Bug	
KW-1277	Task request data not visible when previewing in small window
KW-1890	German spellchecker marks some common abbreviation as incorrect
KW-2384	Deleting a kopano-contact removes mailaddress in existing mails
KW-2509	Unable to download attachment from popout and preview pane
KW-2539	Large folder structures get scrambled after copying a folder
KW-2632	Opening task / todo folder in embedded window throws error
KW-2661	Undefined offset errors when opening a task request

Improvement	
KW-1127	Notes: remove unused functions
KW-2127	Add category as an optional filter in search tools
KW-2212	Open reminder dialog from reminder button in menu bar
KW-2564	Add support for simple json themes
KW-2606	Use mapi_deferred_errors flag when opening a table
KW-2654	Refactor common code

### 2.2.10 Kopano WebApp 3.4.16.1565

Bug	
KW-428	Clicking outside of the copy/move dialog selects a folder
KW-872	Error occurs when editing local contact via address book
KW-1194	“add new...” e-mail address dialog has too much height by default
KW-1362	Webapp should handle ‘broken’ freebusy entryid
KW-2317	Mail sent as attachment can’t be imported
KW-2360	Html ampersand code visible in link
KW-2383	Organizer should be updated when selected “create in calendar” is changed
KW-2436	Losing category when receiving update for meeting request
KW-2452	Send as email when selecting contact, distribution list and email freezes the to send email
KW-2526	Unable to delete assigned tasks from public folder
KW-2546	Infinite scroll loading information is not reset when switching folders
KW-2584	Unable to delete search folder when it contains messages
KW-2625	Unable to upload certificates
KW-2626	Hover card is missing send new mail icon
KW-2651	Invalid html in notifier message

Improvement	
KW-463	Reloading pop-out should not clear unsaved content
KW-2322	Reposition pagination panel of the mail grid
KW-2335	Introduce possibility to show more information about ‘message could not be saved’
KW-2556	Improve loading of recurrences
KW-2588	Add delay to hover card pop-up
KW-2598	Implement dark tooltips

### 2.2.11 Kopano WebApp 3.4.15.1513

Bug	
KW-2363	Classlist.foreach does not work in ie/edge
KW-2446	Categorie management can not opened in ie11

### 2.2.12 Kopano WebApp 3.4.15.1509

Bug	
KW-2497	Send mail to distribution list broken in ie
KW-2498	Right click on a contact and "send mail" do not work with ie11
KW-2520	Fpm support presently broken

Improvement	
KW-1076	When session already exists allow user to destroy existing sessions
KW-2018	Create a "share folder" button in folder context menu
KW-2090	Open item in new tab when opened from the reminders dialog
KW-2114	Change whatsapp favicon in the tab to official whatsapp favicon
KW-2326	Import eml via upload
KW-2385	Implement hoover card: show name, emailadres and warning info
KW-2458	Hightlight active filter in contact business card view
KW-2461	Allow disabling publishing of free/busy information

### 2.2.13 Kopano WebApp 3.4.14.1487

Bug	
KW-354	Delete button shows tool tip as string in overflow menu
KW-1869	Missing space in 'from' auto generated reply quote text header
KW-2243	Removed inline images are sent as bin attachments
KW-2495	Attachment broken when opened from a mail which should be forwarded
KW-2587	Disable cancellation of uploaded attachments

Improvement	
KW-620	Remove version info from login page

### 2.2.14 Kopano WebApp 3.4.13.1464

Bug	
KW-286	Wrong translated datestring in webapp
KW-455	Multiple 'add widget' dialogues can be opened
KW-2438	Tool tip wrong in german translation
KW-2457	Public store is scrambled in copy/move dialog
KW-2510	Source map of fingerprint.js and resize.js cannot be found
KW-2565	Invalid translation in search date range

Improvement	
KW-2077	Use "pr_ec_body_filtered" for filtering html
KW-2231	Refine and re-organize context menu of mail items
KW-2523	Remove versions from headers when unauthorized

### 2.2.15 Kopano WebApp 3.4.12.1426

Bug	
KW-2135	Ie-11 save signature button is disabled
KW-2374	Background svg should have theme color
KW-2392	Appointments with labels lose their color when switching languages
KW-2425	Unable to delete items in outbox

Improvement	
KW-2283	Verify if username/password is not empty on login
KW-2319	Add group criteria size to the mail grid
KW-2323	Reposition 'infinite scrolling' loading information in mail grid
KW-2403	Use eslint for linting

### 2.2.16 Kopano WebApp 3.4.11.1367

Bug	
KW-2397	Intranet plugin: clicking an intranet button opens a new tab every time
KW-2409	Add support for cross-origin-permission
KW-2474	Users with a username that is a number are not visible in rules dropdown
KW-2482	Manifest changes are not picked up by js order caching
KW-2501	Sort search results on date does not work
KW-2503	Php linter violation : fix usage of undeclared variable

Improvement	
KW-614	Import contacts (vcf) from attachment
KW-1988	Add grouping to the date column of the mail grid
KW-2005	Export contact as vcf
KW-2318	Grouping grid
KW-2336	Notification: successfully or failed imported items to [folder]
KW-2347	Enable/disable grouping grid
KW-2471	Add first day of the week setting to date grouping

### 2.2.17 Kopano WebApp 3.4.10.1344

Bug	
KW-2260	Search results do not show date for tasks,contacts and calendar items
KW-2396	Can not open attached (kopano) elements when opening message in tabbed detail view
KW-2434	Shared rules should not break settings when inbox is not found.

Improvement	
KW-2416	Change description for out of office in settings

### 2.2.18 Kopano WebApp 3.4.9.1330

Bug	
KW-2377	Default background / splash screen should not apply on third party themes
KW-2414	Attachment added from files has 0 byte after sending
KW-2421	Change tooltip in default duration field

Improvement	
KW-2404	Fix various typos in code comments

### 2.2.19 Kopano WebApp 3.4.8.1299

Bug	
KW-2087	A deleted send later e-mail is still sent
KW-2250	Status complete sets startdate and enddate to none on an email
KW-2419	Webapp forgets category colors and settings

Improvement	
KW-71	Rename 'empty folder' for junk and deleted items
KW-2223	Change default appointment duration
KW-2255	"create in calendar" feature should use active/inactive sorting

### 2.2.20 Kopano WebApp 3.4.7.1280

Bug	
KW-2150	Free/busy of wrong user is shown
KW-2333	Broken eml-file attachment can be imported
KW-2371	Only scale images in p > span

Improvement	
KW-878	Show three lines for each item in the search results list when right preview is set
KW-2057	Add config option to add icon to intranet plugin tab headers
KW-2202	Add table plugin to tinymce
KW-2219	Wrap long lines before quoting on reply
KW-2233	Add a rule to filter on words in the transport message headers
KW-2285	Replace default background / splash screen with new augmenting teamwork graphic
KW-2297	Add insertion point before first item in main toolbar

### 2.2.21 Kopano WebApp 3.4.6.1249

Bug	
KW-1905	Themes styling should be updated
KW-2210	Wa emits wrong version into html generator field
KW-2315	Unread message counter doesn't increase when importing e-mail (eml) from attachment
KW-2358	Translation source strings must not be split

Improvement	
KW-139	Basic re-design: highlight focus
KW-527	Copy a single mail address
KW-1396	Avoid using document.write() for setting the html body.
KW-1565	Scale inline images to width of mail previewer
KW-2079	Switch focus to tab when opening same item twice
KW-2178	Always redirect webapp with a trailing slash
KW-2207	Webapp settings saved twice when using mapi_stream_*
KW-2259	Align "create in calendar" field
KW-2310	Add consistent search filter naming
KW-2354	Improve "sorting not possible" text in search (follow up kw-420)

### 2.2.22 Kopano WebApp 3.4.5.1202

Bug	
KW-1604	Error thrown when opening previously favorited shared search folder of re-opened shared store
KW-1948	[ie11] [edge] saving attachment with umlauts results in a scrambled file name
KW-2028	Attachment not send when address book is open while auto-saving

Improvement	
KW-420	Improve "sorting not possible" text in search
KW-612	Import e-mail (eml) from attachment
KW-1535	Set a flag on a task item
KW-2100	Detect closing or adding newly opened calendar in a mr

### 2.2.23 Kopano WebApp 3.4.4.1173

Bug	
KW-2091	Distribution list not shown as suggested recipient
KW-2257	Uncaught type error after upgrade to webapp 3.4.3

Improvement	
KW-1098	Indicate in which calendar an appointment will be created
KW-2060	Make setdefaultsignature python 3 compatible
KW-2204	Webapp opens the public store on every request
KW-2205	Webapp lazy load settings
KW-2218	Reduce timeout delay for showing suggestions
KW-2222	Add jenkinsfile for running tests in webapp repository
KW-2230	Ship basic apparmor profiles

### 2.2.24 Kopano WebApp 3.4.3.1137

Bug	
KW-1713	Setting a phonenumber extension will create a x as seperator
KW-1740	Checkbox is not checked in multi select hierarchy
KW-1945	Text is gone when typing text in the calendar while its being refreshed
KW-2046	Clicking a flagged e-mail in reminder pop up does not show e-mail
KW-2096	Flagged mail icon not shown in reminder dialog

Improvement	
KW-664	Resolve multiple email addresses correctly when pasting from other applications
KW-1908	Mark incomplete icon is not aligned
KW-1999	Change context menu location of export e-mail as eml or zip
KW-2051	Mark for follow-up flag menu in tasks can not be opened by left click
KW-2171	Update code using php-ext function aliases
KW-2209	Integrate js unit tests in webapp repository
KW-2221	Rename 'send as attachment' to 'send to...'

### 2.2.25 Kopano WebApp 3.4.2.1108

Bug	
KW-1588	Mail address does not appear in suggestion list
KW-1642	Custom flagged e-mails without reminder with due_by date in the past are not red colored
KW-1787	Initial gab sort order ascending (a-z)
KW-1803	3 dotted 'more' menu can not be opened
KW-1838	Blue color shown twice in color panel
KW-1852	Calendar item can not be saved when public calendar is opened from favorites
KW-1858	To-do list is written wrong
KW-2032	Ff - calendar canvas breaks in month view
KW-2159	No-date flag can not have reminder when set through 'custom' dialog

Improvement	
KW-1465	Use profile save/restore from php-mapi to speed up login
KW-1473	Restyle reminder column
KW-2061	Remove dead and unused code
KW-2062	Reduce maximum allowed nesting level in webapp



## 2.2.26 Kopano WebApp 3.4.1.1061

Bug	
KW-1840	Category should not be sent with task- and meeting requests
KW-1874	Recurrence window is blank while pasting recurrence series
KW-1876	Pasting single occurrence will open recurrence window sometimes
KW-1940	Webapp forgets that it accepted a meeting request
KW-2119	Hierarchy breaks when todo search folder is removed

Improvement	
KW-52	Display time and date in columns (list view) more user friendly
KW-269	On first login expand favorites
KW-940	Use different icons for a task request copy and assigned task request
KW-1283	Update the task copy icon in the task list grid once it has been declined
KW-1454	Set a custom date and/or reminder for a flagged item
KW-1605	Visualize active calendar
KW-1704	Remove preformatting regex in ant build.xml
KW-1715	Add copy/move button to calendar, task, contacts, notes context menu
KW-1814	Use es8 padend/padstart
KW-1922	Introduce a baselink class for common.rules.dialogs to reduce code duplication
KW-1951	Improve importance column icon
KW-1980	Remove the connection header from the fingerprinting
KW-2015	Integrate phpmd style checking
KW-2059	Re-use ipmattachmentrecord.istmpfile()
KW-2131	Replace save button with save signature button
KW-2134	Encryptionstore add expiration functionality

## 2.2.27 Kopano WebApp 3.4.0 final

Bug	
KW-2099	What's new dialog version compare does not work

## 2.2.28 Kopano WebApp 3.4.0 rc1

Bug	
KW-1224	Error and read receipt notification not sent when mail grid is reloaded while read receipt dialog is open
KW-1618	Domains are treated case insensitive when compared with the safe senders list
KW-1659	Free/busy doesn't show appointments starting outside working hours
KW-1683	Folder hierarchy expands when selecting folder from favorites
KW-1709	Print dialog not opened when inline images are not downloaded
KW-1759	Error thrown when navigating to mail settings after enabling spell checker language pack
KW-1760	Suggestions are cut off in scheduling tab
KW-1790	Category column is not enabled in calendar list view
KW-1793	Category icon not visible on hover when selecting multiple items
KW-1804	Read icon is misaligned
KW-1831	Priority icons not aligned in context menu
KW-1854	Todo view should be opened by default when clicking on task context
KW-1857	Webapp sends new meeting request when sending an update to a meeting created with z-push
KW-1860	Items removed in to-do lists are removed from original location
KW-1861	Flagged items have the creator in the "assigned to" column
KW-1872	Context menu is closed when clicking on follow up button
KW-1884	Delete appointment from calendar header in day view will mess up calendar view
KW-1891	Reminder column position differs based on view

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Table 2.1 – continued from previous page

Bug	
KW-1900	New task created 'from todo list' does not immediately show up
KW-1902	Flag column in to-do list doesn't show the right flag
KW-1907	Wrong reminder time set on appointment or meeting request
KW-1909	Blurred background image in login screen is positioned wrong
KW-1910	Propose new time contains an extra space before a colon
KW-1912	Copy/paste images are not shown by the recipient in outlook
KW-1918	Cannot set completed percentage on an item (other then on a task)
KW-1920	Flag column is not shown in simple view
KW-1921	Should not be possible to flag a task in to-do list
KW-1924	Intranet plugin with webviews does not store sessions
KW-1925	Cannot add category to item when selected under favorites
KW-1926	Cannot add favorite to search folder dropdown
KW-1928	After calendar reloads, click ok in open recurrence dialog will throw error in console and mess up calendar
KW-1934	Category name is added as a word in the inputbox in message options
KW-1950	Old flagged items do not have a "no date"-flag in all contexts
KW-1953	Tasks should have flags, defined by the due date of a task
KW-1954	Reminder icons are not visible in the "to-do list" and task context
KW-1957	Only one local contact can be added to mail
KW-1968	Favorite icon for save search folder is misaligned
KW-2030	Highlighting of categories in contextmenu when selecting multiple records is incorrect

Improvement	
KW-1844	'what's new' webapp 3.4
KW-1883	Add/enable categories column to simple view
KW-1929	Intranet plugin: add 'autostart' of individual urls
KW-1978	Upload polish translations into weblate
KW-2056	Enable polish as default language

## 2.2.29 Kopano WebApp 3.4.0 beta1

Bug	
KW-264	Model keeps item selection when switching contexts while item does not appear selected in the grid
KW-594	Could not save message error occurs and mail is not sent when mail is auto saved with sub dialogs open
KW-639	Search uses only "modified"-date instead of received-date
KW-656	Meeting request action button styling not applied switching tab
KW-913	Improve search error logging and error messages
KW-1021	Clicking 'view in calendar' closes active calendars
KW-1065	Scroll bar jumps when drag/drop item in calendar canvas
KW-1299	Mail does not show a received date in webapp while containing faulty message class
KW-1305	Saving draft while previewing gives server error
KW-1343	Splitbar in searchpanel appears draggable while it is not
KW-1388	Folder hierarchy list scrolls to the top when expanding folder tree
KW-1392	Closing an unread draft will ask for unsaved changes
KW-1418	Edge - webapp reloads page when creating an item with (plain) text area
KW-1450	Ff - opening draft mail and click in mail body will take the cursor before the first character
KW-1479	Additional contact prefixes and suffixes are ignored
KW-1485	Firefox stuck on login
KW-1486	Ff - error thrown while searching in inbox folder
KW-1514	Script tags with spaces in closing tag are not removed in html mail
KW-1528	Design of task mail is broken in pop out window
KW-1539	The version comparison method for the what's new dialog is flawed

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Table 2.2 – continued from previous page

Bug	
KW-1558	Settings can not be opened while having a shared store opened of a non-existing user
KW-1566	Slash character creates directory in zip file
KW-1604	Error thrown when opening previously favorited shared search folder of re-opened shared store
KW-1623	Search folder can not be added to favorites again once it has been removed
KW-1627	Store breaks when shared folder misses findroot or access to findroot is denied
KW-1637	Suggested recipients still shown while user has already been resolved
KW-1640	Selected fonts removed after pressing backspace or delete twice
KW-1641	Select font family from it's drop down will throw error in console
KW-1660	Attachments disappears from email
KW-1687	HierarchyNotifier does not check if favoritesfolder exists
KW-1712	Tooltips are cut off for tabs with long name
KW-1737	Mails cannot be displayed if pr_last_verb_executed is set without pr_last_verb_executed_time
KW-1769	Link on a inline image can not be added
KW-1817	Error thrown in console when selects any color in color panel
KW-1820	[ie] unable to set a category
KW-1832	Cannot remove category from appointment
KW-1856	Reminder icon in should be moved 1px up
KW-1894	Flag column is not available in detailed view of task

Improvement	
KW-19	Add mark read/unread functionality to preview panel and mail dialog
KW-43	Improved categories
KW-46	Create search folder
KW-192	Copy appointment/meeting request using shortcut keys (ctrl+c / ctrl-v)
KW-375	Indicate the current time in the calendar overview
KW-818	Show destination of url
KW-1206	Update address book hierarchy when folder hierarchy is updated
KW-1237	Improve plugin manager config checks
KW-1352	Response status of organizer should be "organizer" instead of "no response" in tracking tab
KW-1353	Style tracking tab in a meeting request
KW-1379	Redesign calendar hour lines
KW-1383	Php's each() is deprecated in 7.2
KW-1389	Add readme.md and contributing.md
KW-1436	Upgrade tinymce to 4.6.4
KW-1451	Mark email for followup: set a flag on a mail item
KW-1460	Clean up array.js
KW-1464	Improve performance of fingerprint.js and general cleanups
KW-1488	Mark email for followup: create the to do's view
KW-1489	Mark email for followup: create the context menu of the to do's view
KW-1490	Mark email for followup: task views (columns)
KW-1505	Mark email for followup: add flag column to list view
KW-1510	Decrease size of shipped svg.
KW-1530	Improve ambiguous getjson functions
KW-1537	Mark email for followup: change the flag menu of the mail dialog
KW-1538	Mark email for followup: show the flag icon when hovering over the mail grid
KW-1575	Change the name of the send as widget
KW-1576	Fix ipm subtree entryid when it's broken
KW-1579	Add a colon behind the reload interval text in the configure widget dialog
KW-1606	Trigger search when user selects folder in "select folder" dropdown
KW-1661	Implement 'continue=' parameter for the login form
KW-1731	Improved icons for "switch view" dropdown
KW-1777	[intranet plugin] instead of iframes create webviews in deskapp

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Table 2.3 – continued from previous page

Improvement	
KW-1806	Highlighting current selected menu item in switch view
KW-1828	To do's: items marked as complete will be flagged as completed and vice versa
KW-1829	Completed tasks should be visualized with a strikethrough
KW-1835	Mark email for followup: show the flags menu when left-clicking on a flag in the mail grid

## 2.3 Kopano WebApp 3.3

### 2.3.1 Kopano WebApp 3.3.1 final

Bug	
KW-924	Improve webapp presence cache by making it hash-based
KW-1162	No 'save' notification when applying settings while having a mail pop-out window open
KW-1170	Php error when adding recurrence to existing calendar item
KW-1198	Empty body in webapp when parser breaks on minified javascript
KW-1216	Business card filter can not be applied again when switching back and forth between contact folders
KW-1246	Mail scroll bar resets when switching tabs
KW-1291	Php 7.1 fatal error when opening signed or encrypted email
KW-1303	Suggested contacts folder of shared store not closed even if the entire store is closed
KW-1407	Rtl direction attribute is removed from html mail
KW-1419	Original html message removed entirely when pressing enter
KW-1443	Layout of task request breaks
KW-1469	[sles12] invalid dirname and filename for italian spellchecker language pack

Improvement	
KW-1241	"what's new" dialog in webapp
KW-1319	Put the unit behind the value for the reload interval when configuring a widget
KW-1342	Combo list should be the same styling as sub menu
KW-1399	Improve task request message code so one sentence does not appear as two separate strings for translators
KW-1456	[intranet plugin] disable the plugin by default
KW-1459	Php 7.1 throws error when adding a non-numeric value to a string

### 2.3.2 Kopano WebApp 3.3.0 final

Bug	
KW-357	Embedded attachment icon appears 'broken'
KW-914	Html mail content added during 'saving...' is lost
KW-1187	Syntax error when setting japanese as a language
KW-1202	Webapp login not working after some time when it cannot open a shared folder
KW-1292	Folder icon not centered in 'icon' column in the restore items dialog for folders
KW-1301	Day missing from details on mouse over for certain languages
KW-1347	Goid for meeting requests is wrong
KW-1387	Mail only autosaves once
KW-1395	No search results when item containing a category is filtered by type

Improvement	
KW-1240	Add Gaelic and French Canadian language to WebApp
KW-1398	Package the intranet plugin

### 2.3.3 Kopano WebApp 3.3.0 rc1

Bug	
KW-247	No items shown after logging in
KW-262	File with title of 8 chars or less is downloaded as “error” from sent items
KW-555	Plugin-gmaps shows only blank page
KW-634	The search drop-down menu gives no indication if it is a shared folder or not
KW-823	Task dialog lay out issues
KW-927	Inserted links are prefixed with webapp’s url
KW-1029	Chrome - pop-ups increases pop-out window width / height
KW-1039	Incorrect styling insert field when containing invalid value
KW-1085	Mail filters panel re-design
KW-1109	Error occurs and settings breaks when having no work days
KW-1148	Task request buttons not available from preview panel overflow menu
KW-1174	Subject not updated when assignee makes changes
KW-1176	Php error when sending saved message
KW-1177	Php error when saving reply to message containing attached item
KW-1222	Mail not sent and error message appears when adding a previously deleted recipient again
KW-1227	Reset webapp settings throws php error
KW-1233	Incorrect color for disabled action buttons when using theme
KW-1249	Incorrect design of the widgets
KW-1253	“include subfolders” check box is shown for shared/public folders when running kc < 8.2 while feature is not supported
KW-1275	Task can be assigned to multiple recipients when disabling “track progress”
KW-1276	Error when setting flag on task request message
KW-1296	Fix php deprecation: methods with the same name as their class will not be constructors in a future version of php
KW-1302	Wrong icon for the search button in the address book
KW-1305	Saving draft while previewing gives server error
KW-1329	Datetimefield component doesn’t update date when date field is edited manually
KW-1331	Move/copy recurring meeting request message to calendar breaks the calendar
KW-1358	Previewing calendar items in search result will throw errors in console

Improvement	
KW-1024	Improvements for the delayed delivery plugin
KW-1078	Check if a mail has recipients before opening the delayed delivery dialog
KW-1218	Create italian spellchecker language pack
KW-1298	Hide notification sliders by clicking on them

### 2.3.4 Kopano WebApp 3.3.0 beta2

Bug	
KW-642	Current folder not selected by default as search folder when selecting a shared/public folder from the favorites section
KW-652	Cmd and ctrl works on all systems
KW-653	Cmd enter shortcut adds another line in the body and asks for unsaved changes
KW-865	First empty line disappears from mail body when saving mail and opening it from drafts
KW-891	Filtering by alphabet letter in the contacts folder does not work with pagination
KW-909	Saved notification appears when moving or re-sizing the address book dialog after saving a rule
KW-910	Print preview dialog not shown when email contains an empty image
KW-977	No other folder opened from hierarchy and shared folder items still shown in grid when closing it
KW-1036	Errors thrown when date / time fields contain invalid data
KW-1038	When action button is disabled text becomes unreadable
KW-1059	Address book separately sorts groups by name
KW-1158	No 'hint' shown when opening the address book on "global address book" while full gab has been disabled
KW-1199	Empty lines disappear when saving or sending mail
KW-1200	Accept meeting request will throw error in console and dialogue wont be closed
KW-1203	Formatting lost when saving a draft while opened multiple times
KW-1205	Task status "deferred" should start with an uppercase letter
KW-1212	Second rule cannot be saved / edited
KW-1214	Some default languages are not in the correct alphabetical order in the config.php
KW-1215	Formatting lost when viewing saved message from drafts
KW-1221	Unable to scroll to bottom categories of the settings categories panel
KW-1262	Error thrown in console when hitting enter in change file name dialog

Improvement	
KW-124	Remove “refresh interval” and set “reload interval” in seconds in the configure widget dialog
KW-322	Search re-design: select specific folder
KW-369	Create and track assigned tasks
KW-386	Ability to include sub-folders when searching
KW-526	Improve default search logic
KW-793	Delete suggested recipient by mouse-click
KW-1025	Do not show an error dialogue when trying to search while search query is empty
KW-1186	Presence: do not retrieve and cache user information when no presence plugin is installed

### 2.3.5 Kopano WebApp 3.3.0 beta1

Bug	
KW-554	Not all contact information shown in address book with large amount of contacts
KW-563	Shared folder not shown in favourite list
KW-607	Open unread mail in new tab wont set it to “read” in tab
KW-610	Webapp cannot be setup, so that it is served from the root of the domain
KW-816	Incorrect styling of dropdown menu
KW-868	Pop out unread mail shows save successfully notification
KW-896	Mail headers larger than 8kb are not displayed in webapp
KW-978	Unable to render calendar if grouping setting is empty
KW-981	Other contact folders are affected (shown as empty) when gab is disabled
KW-1026	Tinymce’s icon font is not displayed
KW-1041	Extjs mod fixes
KW-1049	Fix a number of coverity issues
KW-1061	Delayed delivery shows the full date instead of the name of the day when a week spans multiple months
KW-1062	Wrong size of dialogs in popout
KW-1130	No action class is attached to the action button in certain dialogs
KW-1153	Css class ‘zarafa-normal’ has no effect in a messagebox

Improvement	
KW-69	Automatically mark a mail as read when opening it via double click
KW-134	Do not show “all address lists” in the address book and “kopano contacts folders” should not be clickable
KW-196	‘send later’ should be an optional function of the ‘send’-button
KW-206	Hide the logout button if remote_user variable is set
KW-227	Print overview when view set to “day”
KW-232	From field automatically enabled again when having a “from” address
KW-237	Show shared contacts folders in address book
KW-240	Convert wingdings (smileys) to something sensible
KW-370	Change task status from context menu
KW-409	Put languages in config.php in alphabetically order
KW-452	Php: remove unused local variables
KW-486	Add rel attribute to url’s previewed in the webapp
KW-492	Browser context menu for input fields (copy/paste)
KW-558	Apply rule unconditionally after message arrives
KW-583	“de-bloat” class.operations
KW-624	Shift+delete should delete an item and skip the “deleted items” folder

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Table 2.4 – continued from previous page

Improvement	
KW-755	Enable languages which have been largeley translated for webapp by default
KW-768	Make the ‘delayed delivery plugin’ part of webapp core
KW-792	Change calls to deprecated mapi_openpropertytostream function
KW-808	Remove non-working edit ability from taskgridcolumnmodel
KW-831	Remove dependency management code in css
KW-841	Refactor loading login/loader javascript
KW-843	Cleanup configchecker
KW-847	Mapi: drop unused mapi tags
KW-853	Use get_defined_constants(true) for get_mapi_error_name, property2json
KW-856	Various code cleanups
KW-857	Remove postlogon calls
KW-905	Drop xregexp dependency
KW-921	Improve design of plain text editor
KW-982	Show ‘hint’ about having to search for a specific user in order for an item to show up
KW-983	Always show the logout button in deskapp. remove configurability of logout-button
KW-984	Plugin settings panel should occupy the whole height of the window
KW-987	Improvements for the address book dialog
KW-1004	Improve text size and position in empty grid for the address book
KW-1027	Settings::saveettings() causes external settings (out of office) to be removed
KW-1066	Use browsers native isarray() instead of polyfill
KW-1067	Remove ie < 9 compatibility code
KW-1068	Remove ext.form.htmleditor overrides
KW-1145	Replace ext.isarray with array.isarray in the codebase

## 2.4 Kopano WebApp 3.2

### 2.4.1 Kopano WebApp 3.2.0 final

Bug	
KW-661	Clicking on attached contact in pop out window will throw error in console
KW-684	Unknown condition added to a rule after saving it
KW-776	Folder selection jumps to “calendar” in folder hierarchy when enabling “show all folders”
KW-903	Webapp on ubuntu 16_04 should depend on php-zip

Improvement	
KW-834	Create reload event for deskapp to listen to

### 2.4.2 Kopano WebApp 3.2.0 rc1

Bug	
KW-494	Drop down menu sticks with the last menu available
KW-565	Folder size button is green, but not an action button
KW-625	Task dialog shows end date instead of due date as label
KW-690	Exclude marking an email as read from generating a new mail notification
KW-763	Shared folder can not be closed anymore
KW-770	Translations do not appear on the login page
KW-777	Email of local contacts not shown in the email column of the check names dialog
KW-788	Firefox: selection of subject not possible
KW-809	Delayed delivery plugin sends mail immediately when translated
KW-829	Search term changes to suggestion when sorting on date
KW-832	‘end date’ label shown twice in the “set flag” email dialogue



Improvement	
KW-791	Create insertion point for version information
KW-261	Label for “elements per page” dropdown should be changed when infinite scrolling is active

### 2.4.3 Kopano WebApp 3.2.0 beta2

Bug	
KW-441	Custom webapp title does not work in pop-out window
KW-507	No new line before signature and white spaces when inserting signature
KW-517	Attaching empty textfiles does not work
KW-540	le/edge - borders can seen when dragging appointment from one time to another time slot
KW-557	Theme css not loaded in pop-out window
KW-581	Bcc field disappears when entering something in the to: field
KW-626	Plaintext reply/replyall/forward creates four newlines
KW-638	Errors in log when opening address book
KW-657	Send as dialog title is wrong
KW-766	Apache breaks due to infinite recursion in webapp’s html parser

Improvement	
KW-119	Update unread counters for all folders of my own store
KW-125	Choose colour of calendar when “show all folders” is set
KW-772	Remove “inbox -” from the store name in the hierarchy
KW-775	Htmlfilter: simplify and speedup skipping spaces

### 2.4.4 Kopano WebApp 3.2.0 beta1

Bug	
KW-545	Search tool bar buttons not centered vertically

Improvement	
KW-16	Add print functionality to preview panel
KW-17	Add copy/move functionality to mail dialog
KW-67	Save meeting request changes as an organizer without sending an update to attendees
KW-105	Show ‘suggestions’ when performing a search query
KW-219	Add tinymce translation support
KW-250	Create rule for “name in to or cc box”
KW-251	Create a rule for “sensitivity” values
KW-252	Create a rule for items received in specific date span
KW-253	Create a rule for mail containing an attachment
KW-260	Make always enabled plugins which can not be disabled by the user configurable
KW-266	Create a rule for the to-field
KW-267	Create a rule for the cc field
KW-389	Remove “click snooze to be reminded again in:” for 0 minutes
KW-403	Rearrange order of meeting request buttons
KW-415	Enable basic keyboard shortcuts by default
KW-418	Refactor streaming mapi properties into a common function
KW-425	Remove unused javascript files and to be implemented code
KW-429	Increment smaller font sizes by 1 instead of by 2
KW-448	Remove unrequired properties in mapi_table_queryallows
KW-459	Add the ability to jump from mail body back to subject with shift-tab
KW-466	“show as” instead of “busy status”
KW-484	Do not reset storemapping and property mapping
KW-567	Update license.txt on the removal of object.js

## 2.5 Kopano WebApp 3.1

### 2.5.1 Kopano WebApp 3.1.1 final

Bug	
KW-580	Missing language.txt file in language folder
KW-589	Error thrown when attaching item
KW-591	Improved favicon for WebApp

### 2.5.2 Kopano WebApp 3.1.1 rc1

Bug	
KW-290	Chrome - No unsaved changes warning when editing pop-out of previously saved message
KW-440	Task and notes views are being filtered per page
KW-491	Sending a mail as new throws PHP Warning
KW-510	While shared folder under favourite is collapsed, counter is not update
KW-536	Cannot create a rule for email received as member of a group in gab
KW-543	Do not show "Download" and "Edit as new message" options for non mail items in search
Improvement	
KW-538	Update kopano webapp logo

### 2.5.3 Kopano WebApp 3.1.0 final

Bug	
KW-513	Webapp creates relative path when on the same domain

### 2.5.4 Kopano WebApp 3.1.0 rc1

Bug	
KW-64	Changes not saved properly when opening mail from draft and deleting the content of body
KW-174	Change "Home" to "Today"
KW-235	Folders not shown under favorites when check/unchecking show all folders
KW-236	Folder hierarchy expands when selecting folder from favorites
KW-244	Unread counter in favorites not updated
KW-245	Inbox shown twice
KW-323	Without 'allow pop ups' opening multiple mails will open up blank windows
KW-358	Tool tip not shown in pop out
KW-379	Closing mail tab after pop-out will throw error in console
KW-390	Uncaught TypeError after sending reply in pop-out window
KW-416	FF - Editor size ~25% of pop-out
KW-426	Mail tab not closed on first try when closing the "unsaved changes" dialog
KW-432	IE11/Edge - Focus partially lost after auto save
KW-453	Mail body containing inline image is empty after resolving user
KW-461	http 500 internal server error when trying to open shared folder with insufficient privileges
KW-471	Window with buttons positioned in the middle do not have a green action button
KW-488	Remove dependency on kopano-contacts
KW-489	Add php-xml dependency
KW-498	Pop-out feature should not be applied to non mail item type search results
KW-511	Change WebApp's php-mapi dependency to 7.2.5 and higher
KW-524	"Search.." filter removed after selecting item type from "Show.."

## 2.5.5 Kopano WebApp 3.1.0 beta1

Bug	
KW-25	Overflow buttons not working
KW-35	PT_br translations contain invalid html code
KW-39	Escaping date string translations does not work in XTemplate
KW-40	column settings not saved permanently
KW-70	“Current working day” does not update during a session
KW-107	Error thrown in PHP error log when multiple distlist match in checknames without email address
KW-108	Error thrown in PHP log when saving expanded dist list with GAB users
KW-129	kopano-webapp rpm needs to depend on php-json
KW-133	search for domain name when selecting ‘sender’ does not provide search results
KW-180	Tasks should be clearly indicated as due and complete
KW-182	Number of minutes since the start of the year to the given month is wrong in leap years
KW-335	Local image ‘broken’ in signature
KW-337	Kopano icon missing from new mail notification
KW-338	adjust apache config to be compatible with 2.4
KW-348	“Complete” icon missing from task column context menu
KW-373	Undefined variable: hresult
KW-382	[Rhel7php56] Kopano-webapp.conf created in wrong folder
KW-404	Remove empty translation string
KW-405	smime - Notification box ‘hangs’ when sending an encrypted mail to a user without a public certificate
Improvements	
KW-15	Create ‘more’ button and add ‘edit as new message’ functionality to all mail folders
KW-38	Invalid locale en_EN as default language in config.php
KW-44	Add feature flag to support MAPI notifications
KW-48	Remove unused functions
KW-49	[jshint] Enable empty block / function scope / globals
KW-50	[php] Remove PHP < 5.3 compatibility code
KW-55	Drop Opera compatibility code
KW-56	Remove Object.keys polyfill (client/zarafa/Object.js)
KW-63	Rename calendar icon in mail toolbar to “View in calendar”
KW-66	Remove unused local variables in PHP
KW-72	Remove IE <= 10 compatibility code.
KW-75	Optimize htmlfilter PHP code
KW-80	Reduce login requests on login
KW-93	php: Remove unused define
KW-95	resolvenames: Refactor duplicate restriction
KW-96	Remove GLOBAL Language
KW-99	Port PHP 4 classes to PHP 5 classes
KW-100	‘Edit as New Message’ functionality for all mail folders
KW-122	Add tooltip for control arrows in sidebars
KW-135	Remove favorite settings from code
KW-140	jshint: Make curly braces mandatory for if statements
KW-145	Rename “Download as files” to “Download”
KW-171	Allow users to save attached contacts items in the corresponding context folder
KW-211	Remove legacy file upload code
KW-212	Remove unrequired jar files in tools directory
KW-222	DISABLE_REMOTE_USER_LOGIN should be available in config.php
KW-246	Add buttons to ‘more’ button when overflow
KW-258	Include polish spell checking
KW-321	jshint: Don’t tolerate assignments in return statements
KW-378	Remove deprecated htcaccess php settings
KW-383	Remove unused or deprecated functions from Canvas wrapper
KW-397	Enable Hungarian language in “enabled_languages” setting in config.php
Continued on next page	

Table 2.5 – continued from previous page

KW-408	GAB: remove dead pagination character code
Stories	
KW-3	Pop out browser window mail items
KW-22	Add button to save email as eml file to mail tool bar
KW-30	Show a list of favorite folders
KW-60	Presence plugins should be able to communicate updated statuses to WebApp core

## 2.6 Kopano WebApp 3.0

### 2.6.1 Kopano WebApp 3.0.1

Bug	
[KW-35]	PT_br translations contain invalid html code
[KW-59]	Email could not printed, only white page is shown
[KW-62]	Login screen stuck on loading when logging in after session expired
[KW-68]	Unable to open settings when plugin folder name is different than registered plugin name
[KW-76]	Unable to login WebApp when active group is invalid
[KW-77]	Appointment loses participants when switching between appointment and scheduling tab
[KW-81]	Editor and body not fully loaded when creating new mail while WebApp is loading
[KW-82]	Non squared contact pictures are stretched
[KW-83]	e-mail address not shown when viewing details of external contact
[KW-84]	Email is not sent to distribution list with local contact in it
[KW-85]	Error when deleting calendar item with sufficient privileges
[KW-87]	message dialogs appear behind the tool tip in calendar canvas
[KW-88]	FF- Subject not visible in canvas when having more than 1 all-day appointment
[KW-89]	Scheduling canvas incorrectly styled for certain themes
[KW-90]	White screen shown when upgrading WebApp
[KW-128]	WebApp enable PHP fatal error reporting
[KW-136]	Focus set to other element for copy/move dialog when notification appears
Improvement	
[KW-32]	Decrease size of Kopano logo
[KW-86]	Set focus to “To” field even when the “From” field is active
[KW-92]	Improved keyboard control and CSS changes in copy/move dialog
[KW-137]	Set focus to mail list grid when closing the copy/move dialog
[KW-157]	Show string instead of number for plugin version

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## Kopano Files Plugin

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### 3.1 Kopano Files Plugin 2.1.4.293

Released: 10/08/2018

Bug	
KFP-369	Source map of files.js cannot be found
KFP-371	Smb - deleting folder is not possible
KFP-373	Attached item in mail cannot be added to files
KFP-382	Files deployment does not copy manifest.xml

Improvement	
KFP-6	Improve tooltips
KFP-108	Sort folder tree alphabetically
KFP-364	Disable “add to files” and “add from files” when no account is configured
KFP-386	Sort folder tree alphabetically in ‘add to files’ dialog

#### 3.1.1 Kopano Files Plugin 2.1.3.269

Bug	
KFP-175	Incorrect styling navigation bar

Improve-ment	
KFP-179	Remove deprecated getsessionid calls
KFP-200	[files][owncloud][webdav] http error code 405 not handled
KFP-217	Update php-libsmclient to version 0.9.0
KFP-350	Refactor navigation panel and account grid (follow up to kfp-312)
KFP-353	Refactor avoid using separate ‘checkifexists’ request each time user creates/renames files or folders
KFP-355	Avoid the use of single request to load backend controller

#### 3.1.2 Kopano Files Plugin 2.1.2.246

Bug	
KFP-363	Attachments not sent when mail is auto saved with address book open

### 3.1.3 Kopano Files Plugin 2.1.2.244

Bug	
KFP-333	Expiration date field not displayed in share dialog
KFP-362	Attachment add in webapp has 0 byte

Improvement	
KFP-323	Improve version information dialog

### 3.1.4 Kopano Files Plugin 2.1.1.233

Bug	
KFP-80	[owncloud] unable to update shared file permissions without first sharing the file
KFP-162	File with some umlauts characters in name wont be uploaded and gives error in console
KFP-226	File specific buttons disabled after refreshing
KFP-266	Search results are still shown in the share details
KFP-312	Php error when server can't be reached.

Improve-ment	
KFP-268	Improve behavior of “unshare” as currently it unshares with all users of that file without warning
KFP-317	Add contribution file for mirroring on github
KFP-326	Remove largefiles code

### 3.1.5 Kopano Files Plugin 2.1.0

## 3.2 Kopano Files Plugin 2.1.0 Final

The rc1 has been rebranded to the final version.

### 3.3 Kopano Files Plugin 2.1.0 rc1

Bug	
KFP-11	Error when adding item to files from unsaved mail
KFP-160	Opening quota information gives js errors
KFP-163	Ftp - error occurs when attaching or adding a file with special characters as an attachment
KFP-185	File deleted without user confirmation
KFP-194	Misaligned icon in files upload dialog
KFP-219	Files not visible after uploading or moving
KFP-221	Php error when downloading multiple files at once
KFP-225	Php error when attaching file to mail
KFP-229	“Edit account” dialog doesn’t resize properly
KFP-230	Error thrown while navigating away while quota is loading
KFP-231	Php error when sending mail with attachment from files
KFP-232	Php error when opening ‘add from files’ dialog
KFP-247	Align “upload file” icon in new item context menu
KFP-264	“Share via link” password shown when typing
KFP-297	“Upload” and “create folder” buttons are disabled in “icons” view
KFP-310	Translations are partially missing
KFP-318	Include external translation patches by debian
KFP-320	Translations do not work in owncloud backend.
KFP-321	Translations do not work in smb backend.
KFP-324	Disable clicking on version or quota information when account is configured wrong
KFP-328	Icons in files tab are too close to border

Improvement	
KFP-253	Highlighting current selected option in context menu dropdown
KFP-299	Remove the ‘share’ icon from the “done” button

### 3.4 Kopano Files Plugin 2.1.0 beta1

Bug	
KFP-50	Owncloud: user/group names case sensitive
KFP-60	[owncloud plugin] action class is set at the wrong button in “share files” dialogue
KFP-70	Do not use translations from webapp within files and it’s backends
KFP-75	When uploading a large amount of files which do not fit the size of the upload dialog no scroll bar appears
KFP-98	Change languages path in manifest.xml
KFP-99	Mo files are not compiled from po files
KFP-101	Update translations for files backends
KFP-102	Path for phpfastcache files backend is not detected correctly when running with nginx
KFP-113	Hover and active styling is missing for “share files” and “attach to mail” under ‘more options’
KFP-124	Use of undefined constant base_path
KFP-125	Properly set port if ssl is true
KFP-126	Ftp - upload to ftp for filenames with umlaut fails
KFP-127	Sharing with nextcloud 11 backend gives error 412
KFP-132	Caching does not work
KFP-136	‘zarafa-action’ class not set on “save” account button
KFP-137	[smb backend] remove backendformaction.js from manifest
KFP-138	Attachment can not be added to files
KFP-142	Clicking on ‘attach to mail’ without selecting any item will give internal server error
KFP-144	Opening the “add from files” dialogue does not disable elements in the background causing multiple issues
KFP-146	Warning messages for files are not properly displayed and main window freezes
KFP-149	Error thrown and file not renamed when trying to rename the same file twice
KFP-153	“send file” performs the same action as “send mail” in contacts
KFP-154	Switching order of accounts produces error in console
KFP-227	Wrong parent method called in filesrecordgridview



Improvement	
KFP-14	Redesign files quota bar
KFP-25	Add 'cannot be changed' flag to files backend configuration
KFP-30	Improve folder icons in the 'icon' view
KFP-79	Improve delete message
KFP-97	Include japanese translations and update others in files plugin
KFP-106	No preview of files as long thumbnails not generated
KFP-110	Allow users to keep both files when uploading an already 'existing' file
KFP-111	Re-design: create folder
KFP-119	Align icons in settings and files widget
KFP-167	Upgrade phpfastcache library
KFP-168	Add php-mbstring as dependency
KFP-169	Do not send settings request on login
KFP-174	Increase size of share files dialog
KFP-240	Update hierarchy after a change

### 3.4.1 Kopano Files Plugin 2.0

## 3.5 Kopano Files Plugin 2.0.0 final

Bugs	
KFP-5	When SSL is checked port cannot be changed
KFP-59	Shared icon incorrectly displayed
KFP-77	Error spammed in console when closing upload dialog while file is still uploading

## 3.6 Kopano Files Plugin 2.0.0 rc1

Bugs	
KFP-1	SMB - Can not save account when "use Kopano credentials" is checked
KFP-2	SMB: The SMB backend of Files exposes user credentials
KFP-10	Size column misalignment
KFP-21	ownCloud: cannot remove password from folder shared with link
KFP-37	php fastcache does not generate user specific caches
KFP-39	Files misaligned in tabs
KFP-41	Account settings broken when deleting another account
KFP-42	ownCloud - sharing screen input field for user names keeps losing focus
KFP-43	Files retains user and password settings after switching to use kopano-credentials
KFP-44	Reset Settings to server defined values does not reset accounts
KFP-49	Include libsmbclient-php in release tarball and repo's
KFP-51	Vertical scroll bar missing from folder hierarchy
KFP-55	Files folder hierarchy not shown in files tab
KFP-58	PHP fatal error due to porting PHP 4 classes to PHP 5
KFP-61	Files-main.css loads invalid path to image
KFP-63	PHP warning on login
KFP-68	PHP warning on missing js directories
KFP-74	[OwnCloud] Error BackendFormActions.js not found
Improvements	
KFP-15	re-design: Files navigation bar
KFP-34	Create files user documentation
KFP-47	inconsistent ordering

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## Kopano MDM Plugin

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### 4.1 Kopano MDM Plugin 2.1

#### 4.1.1 Kopano MDM Plugin 2.1.0

Bug	
KMP-52	Check box is unchecked in folder hierarchy tree
KMP-55	Adding single shared folder in manage share folder is not working
KMP-60	Unable to share a folder
KMP-62	Capitalize “shared” in manage shared folder button

Improvement	
KMP-49	Remove checkbox to (de)select complete store in “manage shared folders” dialog
KMP-59	Indicate folder sharing requirements in dialog
KMP-63	Change widget name of mdm plugin

#### 4.1.2 Kopano MDM Plugin 2.1.0 beta3

Improvement	
KMP-7	List folders that have been opened through the api
KMP-8	Add and delete new folders to the list to be synchronised
KMP-18	Add provisioning string for “not available” and block device wiping
KMP-41	Build debian 9 packages for mdm

#### 4.1.3 Kopano MDM Plugin 2.1.0 beta2

Bug	
KMP-27	Incorrect amount of synchronized folders shown in the device info pop-up dialog
KMP-31	Incorrect synchronized data

Improvement	
KMP-24	Improve design of read-only pop up device info dialog

#### 4.1.4 Kopano MDM Plugin 2.1.0 beta1

Bug	
KMP-3	Device list grid does not properly resize width
KMP-19	Php throw errors for undefined properties

Improvement	
<a href="#">KMP-2</a>	Pop-up webapp dialog with additional device info
<a href="#">KMP-4</a>	Show z-push version in settings

## 4.2 Kopano MDM Plugin 2.0

### 4.2.1 Kopano MDM Plugin 2.0.1

Bugs	
<a href="#">KMP-10</a>	Fix translation errors
<a href="#">KFP-11</a>	PHP fatal error due to porting PHP 4 classes to PHP 5

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## Kopano S/MIME Plugin

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### 5.1 S/MIME Plugin 2.2

#### 5.1.1 S/MIME Plugin 2.2.1.223

Released: 12/10/2018

Bug	
KSP-174	Caching passphrase breaks decrypting emails
KSP-183	Smime plugin or webapp creates files in /tmp but do not remove them
KSP-189	Html visible in info header messages

Improvement	
KSP-162	Refactor uploading code for unittests
KSP-184	Add portuguese (pt_pt) language for translation

#### 5.1.2 S/MIME Plugin 2.2.0.171

Bug	
KSP-123	Focus not set to passphrase input field when signing a message
KSP-155	Download issues after decrypting mail
KSP-158	Signature can't be verified after changing passphrase
KSP-159	Not all inline images visible after decrypting email
KSP-163	Change passphrase dialog is styled incorrect

Improvement	
KSP-137	Build debian 9 packages for s/mime plugin

#### 5.1.3 Kopano S/MIME Plugin 2.2.0 beta2

Bug	
KSP-147	Gab public certificate breaks encrypting email

Improvement	
KSP-83	Include japanese translations in s/mime plugin
KSP-146	Pass correct argument to verifyocsp when uploading pcks12
KSP-148	Do not always retrieve the default message store
KSP-149	Make ocsp optional and async

## 5.1.4 Kopano S/MIME Plugin 2.2.0 beta1

Bug	
KSP-10	Signing/encrypt button does not work and give an error when button is hidden
KSP-18	Make message_class code consistent
KSP-24	Possible to decrypt a message with a different private key
KSP-45	No indication that mail is signed and encrypted in drafts
KSP-46	User is shown twice in to-field after decrypting the mail
KSP-80	S/mime buttons not active after popping-out email
KSP-84	Add support for s/mime certificates which require an intermediate certificate.
KSP-88	Ol sign&encrypt messages are empty in webapp
KSP-97	S/mime doesn't check for the intermediate oosp url
KSP-101	Can not open 'more' overflow menu when smime buttons are moved there and error is thrown
KSP-105	Encrypted message makes use of "icon_smime_decr_content" class
KSP-107	Recipient removed from sent items
KSP-117	Use s/mime css when passwordsaveenabled is set
KSP-120	Oosp validation fails when it might be correct
KSP-121	Buttons in settings are larger than actual width
KSP-128	Certificate is shown revoked when ca issuer url is not provided

Improvement	
KSP-26	Read encrypted mail in sent items
KSP-31	When certificate manager is empty, show message in body
KSP-75	Create dialogs consistent in design with webapp
KSP-86	Style and improve text sign / encrypt message
KSP-99	Stop using deprecated mapi_openpropertytostream
KSP-103	Increase column size s/mime message in list view
KSP-108	Update positions of s/mime icons
KSP-110	Accept and match case sensitive email addresses
KSP-111	Make submit button an action button
KSP-112	Change password in s/mime message to 'passphrase'
KSP-114	Add cancel button to sign dialogue
KSP-122	Increase top margin smime info bar
KSP-132	Remove deprecated getsessionid calls

## 5.2 Kopano S/MIME Plugin 2.1

### 5.2.1 Kopano S/MIME Plugin 2.1.1 final

Bug	
KSP-85	Php error thrown when uploading in files
KSP-95	Unable to encrypt email

### 5.2.2 Kopano S/MIME Plugin 2.1.0 final

Bugs	
KSP-82	Unable to encrypt with GAB pub keys

### 5.2.3 Kopano S/MIME Plugin 2.1.0 rc1

Improvements	
KSP-8	Use GAB public key to encrypt messages
KSP-54	Allow 'remember passphrase' by browser when signing message
KSP-79	Set correct dependencies to support ubuntu 16.04 / php7

### 5.2.4 Kopano S/MIME Plugin 2.1.0 beta1

Bugs	
KSP-61	Verifying signed certificate leaves temporary usercert in /tmp/
KSP-66	SMIME RPM is missing dependencies on php-bcmath
KSP-68	Rhel6 + 7 Software collections packages should not depend on php-common
KSP-71	PHP fatal error due to porting PHP 4 classes to PHP 5
Improvements	
KSP-59	Make it possible to change the password of an already uploaded certificate
KSP-62	Translations are not working for PHP code

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## Kopano Web Meetings

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### 6.1 Kopano Web Meetings 3.0

#### 6.1.1 Kopano Web Meetings 3.0.5

Released: 2018-10-17

Bug	
<a href="#">KWP-85</a>	Constructor names should be changed
<a href="#">KWP-92</a>	Names are not set

Improvement	
<a href="#">KWP-51</a>	Web Meetings sends 3 settings request on login
<a href="#">KWP-54</a>	Add translations for webmeetings
<a href="#">KWP-79</a>	Add support for cross-origin-permission
<a href="#">KWP-82</a>	Update Web Meeting login page to match the new Kopano style

#### 6.1.2 Kopano Web Meetings 3.0.4

Bug	
<a href="#">KWP-77</a>	Webmeetings overrides base_content_layer setting

#### 6.1.3 Kopano Web Meetings 3.0.3

Bug	
<a href="#">KWP-66</a>	Missing license.txt in repository and install directory
<a href="#">KWP-78</a>	Compilations of webmeetings plugin fails since webapp 3.4.6 release

#### 6.1.4 Kopano Web Meetings 3.0.2

This is a minor release that only disables the new message animation in Spreed WebRTC. The animation was realised in CSS and supposed to play at 60 FPS, which causes additional load for the user, especially if he does not notification keeps running in the background.

Additionally we have now enabled builds for Debian 9.0 for the WebRTC server and WebApp plugin.

Improvement	
<a href="#">KWP-72</a>	Disable new message animation
<a href="#">KWP-76</a>	add Debian 9 to the provided packages

### 6.1.5 Kopano Web Meetings 3.0.1 final

Bug	
KWP-65	Web meetings local settings not saved properly

### 6.1.6 Kopano Web Meetings 3.0.0 final

Bug	
KWP-21	Start chat button does not start a chat.
KWP-25	Start call button does not start a call.
KWP-28	Web meetings options disappear from right-mouse menu.
KWP-48	Iframe won't pop out if user went offline during a call
KWP-49	Deskapp sessions are not closed when opening external window.
KWP-53	Uncaught typeerror thrown on logout
KWP-62	Pop-out windows not closed on logout

Improvement	
KWP-41	Webmeetings screen sharing extension download linked from webapp
KWP-44	Dialog to "set default behaviour" should appear when user clicks on web meetings button
KWP-47	Change order of menu bar icons in webmeetings iframe

### 6.1.7 Kopano Web Meetings 3.0.0 rc1

Improvement	
KWP-4	Deskapp - default behavior setting for "open web meetings"
KWP-6	Open web meetings by default in webapp (iframe) and add tool bar buttons
KWP-14	Open web meetings manually in an external browser window
KWP-37	Upgrade speed-webrtc backend to 0.29.5

### 6.1.8 Kopano Web Meetings 3.0.0 beta2

Bug	
KWP-26	Deskapp cannot refocus on webmeetings windows
KWP-30	Enable the room bar for users

### 6.1.9 Kopano Web Meetings 3.0.0 beta1

Bug	
KWP-2	External users can't join meeting rooms when the user has a '-' in the username
KWP-20	[deskapp] external screens are not loading
KWP-23	Rename web meetings headers

Improvement	
KWP-5	Open web meetings, by default, in a separate deskapp window
KWP-7	Adjustments to the "add web meetings" text
KWP-10	"add web meeting" should be available when a subject of the mail/mr is not set
KWP-12	Web meeting windows in a separate browser window should not have an address bar
KWP-15	Launch webmeetings main window optionally in external browser window



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## Kopano DeskApp

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### 7.1 Kopano DeskApp 2.1

#### 7.1.1 Kopano DeskApp 2.1.9

Bug	
KD-399	Tray icon in kde is incorrectly sized

#### 7.1.2 Kopano DeskApp 2.1.7

Released 10.12.2018

Bug	
KD-397	Import eml via deskapp is broken
KD-398	Increase timeouts in save/save as download option functions

#### 7.1.3 Kopano DeskApp 2.1.3

Released: 07.12.2018

Bug	
KD-278	Multiple listeners after logout / login
KD-395	Unexpected behaviour after deskapp deployment

Improvement	
KD-309	Improve logic of download settings

### 7.2 Kopano DeskApp 2.0

#### 7.2.1 Kopano DeskApp 2.0.31

Released: 15.11.2018

Bug	
KD-391	Deskapp 2.0x does not start on kde
KD-392	Windows: appusermodelid format changed.

## 7.2.2 Kopano DeskApp 2.0.20

Released: 08.11.2018

Bug	
KD-269	Error while creating context menu's

Improvement	
KD-2	Open / view .eml files
KD-202	Make logout button behavior configurable
KD-235	Change ui language
KD-381	Support for webapp feature

## 7.3 Kopano DeskApp 1.9

### 7.3.1 Kopano DeskApp 1.9.0

Bug	
KD-364	Support collax portal
KD-370	Do not block keepalive

Improvement	
KD-294	Ini import also use hkln
KD-359	Add support for ubuntu 18.04

## 7.4 Kopano DeskApp 1.8

### 7.4.1 Kopano DeskApp 1.8.3

- Update translations

### 7.4.2 Kopano DeskApp 1.8.0

Bug	
KD-362	[regression] multiple automatic download again
KD-363	Sanitize protocol-relative location headers
KD-367	Savesettings is not defined.

Improvement	
KD-139	Change profiles function names to avoid confusion
KD-263	Easy login to deskapp after profile creation

## 7.5 Kopano DeskApp 1.7.0

Bug	
KD-355	Esc in fullscreen mode
KD-356	Headers are not compared case insensitive

## 7.6 Kopano DeskApp 1.6

### 7.6.1 Kopano DeskApp 1.6.22

Bug	
KD-348	Ini import download section should not be mandatory
KD-350	Download option ‘ask on every download’ does not work’

Improvement	
KD-351	Upgrade nw.js to 28.2

### 7.6.2 Kopano DeskApp 1.6.14

Bug	
KD-108	Instead of showing “recently used” in the windows start menu, deskapp should show actions like “create new mail” or “create appointment”
KD-279	Main window becomes active on re-login

Improvement	
KD-131	Add support for ssl client certificates to enhance security of webapp
KD-204	Open webmeetings links in deskapp window
KD-277	Show the welcome screen on reload by connectionparalyzed
KD-282	Proxy auth also in the webapp window
KD-285	Replace node’s request module usage by chrome.webrequest api

## 7.7 Kopano DeskApp 1.5.0

Bug	
KD-128	Don’t overwrite custom webapp titles
KD-310	Zoom in mailview not possible
KD-322	Presentation mode can not be closed with esc
KD-323	Download dnd does not work anymore from download history
KD-326	Overwrite user agent focus stylesheet
KD-338	Simplemapi: fallback to lpszname if lpszaddress is invalid
KD-340	Simplemapi: trim strings

Improvement	
KD-136	Rename ‘preferences’ to ‘settings’
KD-163	Improve osx installer
KD-209	Set focus to profile list in welcome screen
KD-305	Build ubuntu 17.10 packages
KD-329	Upgrade nw.js to 0.27
KD-334	Create own focus style
KD-335	Improve dialog styling
KD-336	Improve proxy dialog

## 7.8 Kopano DeskApp 1.4

### 7.8.1 Kopano DeskApp 1.4.2(final)

Bug	
KD-304	Multiple downloads warning is not shown
KD-314	Missing download settings breaks welcome screen

Improvement	
KD-230	Add dialog to open the download now
KD-283	Build debian 9 packages for deskapp

## 7.9 Kopano DeskApp 1.3

### 7.9.1 Kopano DeskApp 1.3.22(update)

Bug	
KD-221	Certain buttons are not highlighted when selected or clicked

Improvement	
KD-103	Speed up loading
KD-135	Create more structure in the folder hierarchy
KD-299	Upgrade nw.js to 25.4

### 7.9.2 Kopano DeskApp 1.3.15(final)

KD-281	Sso auth is broken for new profiles
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### 7.9.3 Kopano DeskApp 1.3.13(rc1)

Bug	
KD-264	Zoom event listeners get lost after relogin
KD-268	Error while starting deskapp from cmd line
KD-271	Download history item.onchanged is not a function

Improvement	
KD-6	Provisioning toolkit for administrators
KD-252	Add ubuntu 17.04 build target
KD-258	Upgrade nw.js to 0.23
KD-265	Extend simple mapi functionality on windows

## 7.9.4 Kopano DeskApp 1.3.0(beta1)

Bug	
KD-194	Image data is not copied
KD-195	All images are saved as png
KD-205	Crash while printing item
KD-218	Insufficient padding left border (on hover) settings button
KD-228	Recover lost translations, and check generally for missing
KD-233	Do not allow saving an incomplete profile, while navigating away
KD-236	Do not navigate away when clicking on the same profile
KD-238	'create profile' button messes up settings if clicked while editing a profile
KD-241	Error when starting deskapp from command line
KD-253	Password decryption failures after logging in

Improvement	
KD-12	Ask for password on logon
KD-22	Add more browser spellcheckers to deskapp
KD-100	Have deskapp ask for proxy credentials if needed
KD-121	Add minimize setting to general settings
KD-147	Reloading deskapp should not show webapp reload window
KD-180	Show list of downloaded files
KD-181	Make settings and subsettings more distinguished from each other
KD-188	Adjust shadow styling of buttons (login & settings dialog)
KD-210	Upgrade nw.js to 19.5
KD-215	Enable chromiums native context menus
KD-216	Build nwjs for linux / mac / windows
KD-217	Include MP3 and MP4 codecs
KD-243	Update to nwjs 0.21

## 7.10 Kopano DeskApp 1.2

### 7.10.1 Kopano DeskApp 1.2.34(final)

The rc1 has been rebranded to the final version.

### 7.10.2 Kopano DeskApp 1.2.34(rc1)

Bug	
KD-172	Use deskapp favicon instead of webapp's favicon
KD-175	Sso is broken by introducing encryption
KD-191	Same user profile is loaded every time
KD-197	Disable autocomplete in forms

Improvement	
KD-76	Rename "copy url" to "copy link"
KD-153	Apply button should give feedback
KD-185	Enable/disable check box by clicking on "set as default profile" string on the welcome screen
KD-190	Windows 10 has a need for 24x24px tray icons

### 7.10.3 Kopano DeskApp 1.2.0(beta1)

Bug	
KD-41	Links are opened multiple times
KD-69	Send attachment via os integration can open multiple emails
KD-74	Maximize screen should be remembered as resolution
KD-98	Can't install kopano-deskapp through group policy
KD-144	Abort button not enabled when webapp returns an error
KD-156	Unable to login when welcome screen is visible
KD-167	When deskapp is logged out due to networking issues, log in automatically

Improvement	
KD-97	Windows installer option to start deskapp after installation is finished
KD-124	Change nw.js process to a deskapp process
KD-148	Change behavior of logout button while using deskapp
KD-151	Update kopano logo
KD-155	Add screensharing injection script
KD-160	Upgrade nw.js to v0.18.6
KD-165	Build packages for ubuntu 16.10

## 7.11 Kopano DeskApp 1.1

### 7.11.1 Kopano DeskApp 1.1.18(final)

The rc1 has been rebranded to the final version.

### 7.11.2 Kopano DeskApp 1.1.18(rc1)

Improvements	
KD-89	Code Sign DeskApp for OSX
Bugs	
KD-125	Sending files via external applications breaks filenames with special characters
KD-129	Encrypt password in local storage data
KD-130	Default profile can be empty and DeskApp won't be able to start
KD-133	DeskApp fails to login occasionally because function onLoadedWebApp cannot be found

### 7.11.3 Kopano DeskApp 1.1.0(beta1)

Improvements	
KD-5	Multiple profile support
KD-29	Hide DeskApp when minimized
KD-33	Add spread.me screen sharing extention to DeskApp
KD-87	Add quit option to tray icon menu
KD-114	Add option to open DeskApp settings to system tray
KD-115	Add "Abort Login" button during login
KD-127	Support Collax Portal
Bugs	
KD-94	Mailto links do not work if DeskApp is the first mail client on Windows
KD-95	Change version info in deskapp.exe
KD-111	Increase pop-out size for DeskApp
KD-112	Change pop-out title to Kopano DeskApp

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## Kopano OL Extension

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### 8.1 Kopano OL Extension 2.0-331 (final)

Released: 2018-11-21

Known issues:

- there is a know issue where due to a timing problem the GAB is not recognised by KOE (and therefore not synced). We are still investigating the exact cause. This build includes a new “WrapperTrace” logging to collect more data. With this logging activated the cause for the missing GAB can be seen in the `%temp%/Kopano OL Extension.log`. The workaround would be to temporarily deactivate the blocking sub process.

Bug	
<a href="#">KOE-173</a>	Umlaut in profilename causes koe-button greyed out
<a href="#">KOE-175</a>	False timestamp on reply flag
<a href="#">KOE-177</a>	Koe doesn't recognize zpushversion in debug menu
<a href="#">KOE-178</a>	Can't open several shared mailboxes
<a href="#">KOE-180</a>	Koe still sometimes disabled due to start-up time

### 8.2 Kopano OL Extension 2.0-310 (final)

Released: 2018-08-09

This build only includes updated german and portuguese translation files. Otherwise the build is identical with the RC release.

Known issues:

- there is a know issue where due to a timing problem the GAB is not recognised by KOE (and therefore not synced). We are working on a fix. If you suffer from this problem a downgrade to 1.6 will restore the GAB linking.
- in some cases, when working with multiple activesync accounts already, it can happen that the new shared store functionality tries to reuse a wrong account (syncs hierarchy from a different server). In these cases we recommend to [setup the account manually](#).
- it has been reported that profile names with umlauts cause KOE not properly detecting the account. This is sheduled to be fixed in a later minor release with [KOE-173](#). The workaround for this is to rename the profile to not contain any umlauts.

### 8.3 Kopano OL Extension 2.0-309 (RC)

Released: 2018-07-04

As announced earlier the 2.0 milestone of the Kopano OL Extension (KOE) marks the end of new feature development for KOE. This last feature release includes the ability to open shared stores in full (not only selected folders). To improve overall performance of Outlook and improve user experience we decided to include limits for the amount of shared folders (50 folders in total) and reduce sync timeframes for large mailboxes (dynamically based on the total mailbox size, for example stores bigger than two gigabyte only sync the last two months).

Known issues:

- in some cases when, working with multiple z-push installations, it can happen that the new shared store functionality tries to reuse a wrong account (syncs hierarchy from a different server). In these cases we recommend to [setup the account manually](#).
- Currently the webservice call fails for shared stores and therefore no sync status is displayed for shared stores (will be fixed in Z-Push with ZP-1444). Below are example error messages from the KOE log for this issue.

Sync status call:

```
2018/07/04 13:37:31.980 (10,): Error: SoapRequestEncoder: Error in SOAP response:
url=https://zpush.kopano.com/Microsoft-Server-ActiveSync?DeviceId=webservice&
↳Cmd=WebserviceDevice&User=psimpson%23testuser01&DeviceType=webservice
response=
2018/07/04 13:37:32.006 (10,): Error: SyncState: Exception in task SyncState:
↳System.Xml.XmlException: Root element is missing.
   at Acacia.ZPush.Connect.Soap.SoapRequestEncoder.ParseResponse(String url,
↳Stream result) in .../
↳AcaciaZPushPlugin\AcaciaZPushPlugin\ZPush\Connect\Soap\SoapRequestEncoder.cs:
↳line 101
   at Acacia.ZPush.Connect.ZPushConnection.Execute(String url, RequestEncoder
↳request) in .../
↳\AcaciaZPushPlugin\AcaciaZPushPlugin\ZPush\Connect\ZPushConnection.cs:line 139
   at Acacia.ZPush.Connect.ZPushWebService.Execute[ResponseType](SoapRequest`1
↳request) in .../
↳\AcaciaZPushPlugin\AcaciaZPushPlugin\ZPush\Connect\ZPushWebService.cs:line 60
   at Acacia.Features.SyncState.FeatureSyncState.CheckSyncState(ZPushAccount
↳account) in .../
↳\AcaciaZPushPlugin\AcaciaZPushPlugin\Features\SyncState\FeatureSyncState.cs:line
↳453
   at Acacia.ZPush.ZPushSync.SyncTaskImpl.<>c__DisplayClass8_0.<GetInstance>b__1()
↳in ...\AcaciaZPushPlugin\AcaciaZPushPlugin\ZPush\ZPushSync.cs:line 160
   at Acacia.Utils.AcaciaTask.Execute() in .../
↳\AcaciaZPushPlugin\AcaciaZPushPlugin\Utils\Tasks.cs:line 60
```

for email signatures:

```
2018/07/04 15:37:55.717 (16,): Error: Signatures: Error fetching signatures:
↳testuser01@kopano.com: System.NullReferenceException: Object reference not set
↳to an instance of an object.
   at Acacia.Features.Signatures.FeatureSignatures.FetchSignatures(ZPushAccount
↳account) in .../
↳\AcaciaZPushPlugin\AcaciaZPushPlugin\Features\Signatures\FeatureSignatures.cs:
↳line 201
   at Acacia.Features.Signatures.FeatureSignatures.SyncSignatures(ZPushAccount
↳account, String serverSignatureHash) in .../
↳\AcaciaZPushPlugin\AcaciaZPushPlugin\Features\Signatures\FeatureSignatures.cs:
↳line 145
```

Bug	
KOE-91	Mismatch in signature templating
KOE-150	Signature sync fails if there is a backslash in the name
KOE-155	Send-as sometimes fails to resolve
KOE-165	Installer fails when enabling old-style account dialog as single user
KOE-168	Resolving from a shared folder may resolve contacts from a different account



Improvement	
KOE-20	Is it possible to limit write access to the gab pst file?
KOE-76	Add the ability to set the synchronisation timeframe
KOE-124	Add the possibility to open shared stores as a separate account
KOE-153	Error message of creating folders in shared stores is confusing users
KOE-159	Let koe set a custom sync timeframe based on the total storesize
KOE-161	Limit the total number of shared folders

## 8.4 Kopano OL Extension 1.6-282

Bug	
KOE-163	Device id not assigned during first run when KOE is enabled

## 8.5 Kopano OL Extension 1.6-279

A lot of the changes that went into the 1.6 release of the Kopano OL Extension are currently still disabled by default and waiting on the Z-Push 2.4.0 release to continue with further testing. Nevertheless we wanted to share the already made improvements in regards to shared folder management and signing the VSTO file and therefore decided to push a 1.6 version without the new shared account features planned for 2.0.

Bug	
KOE-139	Shared folders dialog allows editing of configured folders

Improvement	
KOE-41	Vsto file is not signed
KOE-98	Also exclude the gab folder and statically configured folders from showing up for notifications
KOE-151	Add option to sync contact groups a contacts

## 8.6 Kopano OL Extension 1.5-240

Bug	
KOE-116	Fixed exception on default folder name if GAB user lookup fails

## 8.7 Kopano OL Extension 1.5-239

Bug	
KOE-43	Shared folders: users would like to see a list of available users/stores

Improvement	
KOE-49	Settings dialog could use some clean ups
KOE-116	Configurable default name of shared folders
KOE-142	Prevent users from making hierarchy changes in shared folders

## 8.8 Kopano OL Extension 1.5-231 (beta)

Bug	
KOE-103	Can not flag mail after moving it
KOE-130	Number of wrappers increases on new emails
KOE-131	German translation is wrong
KOE-135	Reply flags from webapp are not synced to outlook
KOE-137	Flags and category icons are not synced

Improvement	
KOE-134	Add registry entry to the installer to enable the “traditional account dialog box”

## 8.9 Kopano OL Extension 1.4-209

Updated translations

Improvement	
KOE-115	Enabled sync stall detection by default

## 8.10 Kopano OL Extension 1.4-200

Bug	
KOE-22	Opening shared (sub)folder requires folder visible permissions on inbox as well
KOE-42	Out-of-office dialog doesn't have scrollbars
KOE-65	Meeting response uid is wrong
KOE-89	Out-of-office dialog fails to open
KOE-92	Can't change appointment duration after creation
KOE-108	Copying contact out of gab to local contacts folder gives gab suppression warning
KOE-117	Modifying reminders query generates reminders
KOE-119	Koe prompts for restart on discovering deleted secondary contacts folder

Improvement	
KOE-23	Mails in “sent items” are not showing bcc information
KOE-24	Show gab synchronisation state
KOE-52	Syncing data visible in kopano tab
KOE-106	Insert read delivery request from koe
KOE-113	Full resync by dropping the ost file
KOE-114	Private appointments should not be edited in shared calendars
KOE-115	Trigger full resync automatically

## 8.11 Kopano OL Extension 1.3-156

Bug	
KOE-94	Shared folders containing & can't be opened
KOE-96	Cannot enable out-of-office with special characters in the message

## 8.12 Kopano OL Extension 1.3-154

Bug	
KOE-44	Plugin is still sometimes disabled on first install
KOE-51	Folder renames are not reflected in outlook
KOE-62	Koe extension fails if tlsv1 is disabled on web server
KOE-67	Webservice call made when hitting "send/receive" when in offline mode
KOE-87	Ribbon doesn't show up if no email account is configured
KOE-88	Added VSTO runtime requirement to installer
KOE-89	Out-of-office dialog fails to open
-	Fix for signature templating: replace %title with "jobtitle" instead of "title"
-	Restored DeviceId in debug dialog
-	Fix duplicating "Kopano folder" by stripping UNC prefix from local path

Improvement	
KOE-12	Shared calendars display reminders.
KOE-14	Implement workaround to outlook limitation of only one contact folder per account
KOE-17	Inject ldap signatures like webapp does
KOE-25	Research: how to deploy current version with gpo
KOE-50	Koe should tell a user if the password is not saved
KOE-61	Implement client capabilities header
KOE-70	Export signature as utf8 bom
KOE-75	Msi installer does not use the right styling
-	Restarting Outlook to apply additional contact folder change now tries to reuse the previously selected profile
-	Add additional logging for missing parts of shared folders

## 8.13 Kopano OL Extension 1.2

Features	
KOE-7	Display an "open WebApp" button if a kdiscover DNS entry is set
KOE-8	Automatic send-as from shared folders
KOE-9	Rename shared folders after adding them
KOE-15	Document "hidden" config switches in the PluginDebugger
KOE-19	Advanced open shared folders dialogue that supports opening folder hierarchies
KOE-26	Reorder icons in Kopano Ribbon
KOE-28	Ability to set a custom location for KopanoLocalFolders.pst
Bugs	
KOE-28	Installation improvements for 64bit environments
-	Fallback to english if string is missing in local translation

## 8.14 Kopano OL Extension 1.1

Features	
KOE-6	Implement dialogues for opening and closing shared and public folders
KOE-8	Add the possibility to manually change the "From" address (requires Z-Push 2.3.2)
Improvements	
-	Update logos and icons according to the new Kopano branding

## 8.15 Kopano OL Extension 1.0

Features	
-	Add Kopano Ribbon to group related functions
-	Support for Outlook 2013/2016 in 32bit and 64bit
-	Implement syncing of Reply and Forward flags between Outlook and the server (two way)
-	Feature management to enable/disable parts of the extension
-	Implement feature to retrieve the GAB (contacts and groups) from Z-Push and provide it from a local addressbook
-	Implement the ability to trigger a resync of the local GAB
-	Implement free/busy lookups for GAB contacts
-	Add the ability to set and retrieve the Out of Office status message
-	Implement workaround for syncing of (otherwise “local only”) notes
-	Addes support for translations through <a href="#">Kopano Translate</a>
Improvements	
-	Add support for self signed ssl certificates

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