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## SendQuick coneXa 300 (20150611) Change Logs (July 2023):

### Version: 20150611- 11HF6 (25 Jul, 2023)

- Added FIDO2/WebAuthn
- Added Microsoft Azure AD
- Fix bug in Windows Login Push Auth method
- Fix time zone in conexa portal
- Fix authentication syslog
- Fix UI bugs

### Version: 20150611- 11HF5 (26 May, 2023)

- Fix soft-token issue.
- Fix alert profile UI bug
- Improve MPM spooling
- Fix report generation bug

### Version: 20150611- 11HF4 (03 Mar, 2023)

- Fix bug in Remote DB user
- Fix vulnerability
- Update OpenSSL to 1.1.1t
- Update OpenSSH 9.2p1
- Improve DB performance.
- Improve project task management.
- Fixed message filter bug
- Long message out of order issue for MIM platform.
- Change sms\_message\_status as view instead of table.
- Update PHP files to perform SELECT on sms\_message\_status only.
- Filter rules 'NOT' change.
- Direct Connection change.
- Minor UI change.
- Minor code clean up.
- Add 5s delay before reset password exit
- Fix SMTP AUTH CRAM-MD5 authentication.
- Adjust modem quota alert from 5% to 20% of the available quota.
- Add modem error 350 handling.
- Set SSL as default if remote SMTP server support SSL.
- Bug fixes.

### Version: 20150611- 11HF3 (19 Jan, 2023)

- Bug fixes

### Version: 20150611- 11HF2 (03 Jan, 2023)

- Support Push OTP / Push Auth via SendQuick app.
- Support Windows login 2FA via Sendquick Credential Provider.

- Support SHA256 and SHA1 for soft token
- Update Singpass redirect flow
- Update data sync for conexa configuration and logs.
- Bug fixes

**Version: 20150611- 11** (25 Oct, 2022)

- New Helpdesk filtering feature.
- Merge changes for Lark
- Improve spool management.
- Fix resend unsent SMS bug.
- Update to openssl 1.1.1q
- Add WhatsApp (Cloud) MIM feature
- Fix ftp password issue
- Fix missing sftp protocol for sftp auto backup process.
- Add WhatsApp Cloud and WhatsApp IO send template message with attachment
- Change to SendQuick new logo
- Bug fixes for SMTP Auth
- Bug fixes.

**Version: 20150611- 10HF4** (26 Jul, 2022)

- Bug fixes

**Version: 20150611- 10HF3** (08 Jun, 2022)

- Fix schedule report error.
- Refine FTP host allow setup. Is no IP is set, will be consistent like HTTP host allow, all remote be allowed.
- Update FTP host allow for HA environment
- Update to email service.
- Fix some remote input data handling

**Version: 20150611- 10HF2** (14 Apr, 2022)

- Fix missing SQL and files
- Add LineNotify
- Minor UI updates
- Use Cloudflare DNS server: 1.1.1.1 and 1.0.0.1 by default. Previous setup will query public DNS root servers. However, this will make security team hard to manage DNS firewall rules. Now, if they prefer to use sendQuick itself to resolve host, they just need to allow Internet DNS query to these 2 IPs.
- Use chronyd for NTP service. This is faster and does need to open NTP port for external access.
- Add load balancing between sendQuick servers.
- Add SMTP user authentication for email relay.
- New MIM Zalo channel and other updates.
- Added AES256 for SNMP encryption
- New email-to-ftp forward feature
- New HA tolerance setup. Default is low
- Add support GPS clock via serial port.
- Fix HA issue of secondary not update primary IP when primary changed IP.
- Support '&' character for password.
- Bug fixes and updates of FTPS configuration
- Fix large mail attachment
- Fix incorrect ssh setting.
- FTP host permission
- System improvement
- Update PostgreSQL to 9.6.25
- Update web server
- Update modem task
- Update SNMP task
- Improve modem task support of 4G modem.
- Fix SNMP setup bug
- Fix SNMP HA issue. Now setup primary will auto sync to secondary, no need to setup secondary
- Fix HA tolerance missing after HA resume.
- HA bug fixes.
- SNMP setting will be read only when in secondary mode

- Merge code for email file transfer.
- New mailHandler plugin attributes. We now have preprocess and postprocess handler. Preprocess will be call before all other process. Postprocess will be called if no other action has been taken.
- Fix long SMS issue

**Version: 20150611- 10HF1** (01 Mar, 2022)

- Added Singpass feature
- Added Hard Token support.
- Fix schedule report error.
- Refine FTP host allow setup. Is no IP is set, will be consistent like HTTP host allow, all remote be allowed.
- Update FTP host allow for HA environment
- Update to email service.
- Fix some remote input data handling

**Version: 20150611- 10** (18 Oct, 2021)

- New database pool manager.
- MIM Improvement.
- Improve background files clean up process.
- Include missing API files into the patch.
- Improve mail service task.
- Update for HA to have longer gap between checking.
- Fix sqguest login bug
- Fix SNMP configuration bug
- Improve Quectel modem support
- Added SAML support.
- Consolidate HTTP headers into web server configuration:

Content-Security-Policy: frame-ancestors 'self'  
Referrer-Policy: strict-origin-when-cross-origin  
X-XSS-Protection: 1 ; mode=block  
X-Content-Type-Options: nosniff  
X-Frame-Options: SAMEORIGIN

- Bug fixes.

**Version: 20150611- 9HF1** (15 Jul, 2021)

- Improve performance.
- Direct Connection improvement.
- Fix FTP-SMS issues.
- Fix possible long message partial stuck in queue issue
- Date Format setting.
- Bug fixes.
- Fix missing task.
- Fix file permission for log management.

**Version: 20150611- 9** (16 Dec, 2020)

- Added SAML Identity Provider feature.
- Fix missing perl library for report
- Spool Manager improvement
- Fix network monitoring page listing issue.
- Add SNMP service. Enable it under Optional Network Setup.
- Fix login password bug if password contain symbols.
- Enable network monitoring URL check to use proxy if proxy is set.
- Email to MIM for email that comes with image/pdf attachment. Only for single attachment.
- Add SMS to FTP service
- Disable SNMP v1 and v2
- Fix issue with name not able to create in MIM.
- Dashboard now show SMS throughput chart.
- HA improvement.
- Message queue update
- Fix performance issue of spool manager.

- Updates to WhatsApp DC
- The SNMP encryption is set to SHA and AES.
- Add AES 256 support into SNMP service.
- HA update.
- Fix incorrect handling of %2B in URL GET request.
- Refine HTTP header response.
- Bug fix for received SMS handling.
- Remove HTTP response header that cause issue to javascript execution.
- Fix SMPP issue
- Fix some update script.
- Fix mail attachment process
- Support port definition in syslog
- Fix mail handler bugs
- Fix the remote DB permission issue.
- Updates to MIM
- Syslog now support definition of UDP port of syslog server does not listen on standard port.
- Reset admin password from ALT-F3 will set the password to the system serial number instead of common password
- Fix long URL in direct connection module
- Improve MIM MS Teams support
- New Front panel display for appliance that support it.
- Update Telegram bot agent
- Add options to allow enabling of deprecated SSL ciphers
- Fix DB sync for clustering
- Add HASH option for SNMP service
- Fix incorrect SSL cipher selected when 256 cipher only
- HA fixes for virtual IP network mask.
- HA DB sync update.
- Fix secondary not handle email when assume primary role.
- Add RFC5424 for syslog
- Modem task update
- Add option to autoreply from same modem
- Whatsapp DC update
- Fix a small bug at dashboard
- Disable anti-flood measure for SMTP
- Improve mail attachment processing.
- Fixed possible missing CPU stat.
- MIM Updates
- Merged latest changes for MIM
- Improve email filter for Outlook
- Code clean up.
- Update sudo 1.9.5
- Add support for mail plugin to access the original mail content.
- Update for Queue log
- Code cleanup for MIM & log
- Set 3G modem of Maestro and SIMCOM to include scanning of 2G network
- Fix modem SMS mode to use circuit switch by default
- Fix bug at optional network & queue log
- Fix empty outbox bug
- Other bug fixes.

**Version: 20150611- 8HF4** (16 Dec, 2020)

- Fix bug in Captive Portal login page

**Version: 20150611- 8HF3** (17 Sept, 2020)

- Bug fixes

**Version: 20150611- 8HF2** (12 Sept, 2020)

- Fix the email field validation issue
- Bug fixes

**Version: 20150611- 8HF1** (7 Sept, 2020)

- Soft token user synchronization with LDAP/AD
- New option to skip OTP SMS/Email if soft token is activated
- Various changes on Captive Portal
- Bug fixes

**Version: 20150611- 8** (5 Jun, 2020)

- Merge Captive Portal and WebOTP (additional module) into Conexa UI.
- Generic Soft Token for VPN and WebOTP
- Support QR code single scan feature with sendQuickOTP app
- Fix ntp sync

**Version: 20150611- 7HF2** (17 May, 2020)

- Bug fixes

**Version: 20150611- 7HF1** (18 Mar, 2020)

- Bug fixes
- Fix missing perl library for report
- Spool Manager improvement

**Version: 20150611- 7** (3 Apr, 2020)

- Update Freeradius to 3.0.21
- Improve Radius task performance by changing to 5 threads
- Improve Meastro M114 modem support.
- Add support for LDAP login
- Fix bug in sending UTF8 characters to Direct Connection - SOAP method
- Update SpoolMgr, check mobile number before sending sms. Only allow numbers and plus sign
- Fix dashboard bug
- Group messaging for MIM.
- MIM api update.
- Improve support for Maestro modem M114
- Improve handling of email with HTML content
- Update PostgreSQL 9.6.11
- Update openssl 1.0.2q
- Update openssh 7.9p1
- Fix another spool hang situation.
- Update of FTP-SMS to have priority and label.
- Improvement of DirectConn module
- New mail handler to handle HTML tags
- Added new project configuration to allow remote accessing the project DB.
- SMTP will use SSL cert if enabled with CA file else it will use its own self-signed cert.
- Minor modem task update - updated Robustel modem info display.
- Change with msgid generation. Now we use uuid instead of DB access.
- Update of various to include explicit DB close connection when needed
- Fix of secure cookie flag for HTTPS access.
- Fine tuning of Email SMS
- Fix some performance issue with DB sync.
- Reduce DB requirement for email service
- Fix incorrect ID for sending long SMS.
- Fix memory leak issue with mail handling task.

- Fix incorrect database table index and table column.
- Minor code cleanup
- Add OS level tweak for system performance.
- Set ping timestamp response to be zero
- Report email will use sender email in the optional network configuration.
- Fix memory leak issue in email module.
- DB performance update.
- New message ID format via UUID instead of pulling from DB
- Improve mail with large attachment.
- Improve security
- Add manual configuration starttls\_tls\_version=no in /home/sqguest/conf/sq.conf to disable StartTLS for SMTP service.
- Update on Multitech modem: show firmware version and will set the LED operating mode correctly.
- Add remark for unsent report logs.
- Fix potential file permission conflict in report generation.
- Delete incorrect report permission file if exist.
- Updated PHP to latest 7.2.x series
- Synced all openssl related task to openssl version 1.1.1d
- Fix SMTP setup script issue.
- Use redis queue for spool manager.
- Use ssh tunnel between primary and secondary in HA.
- TLSv1.3 has been enabled by default.
- Upgrade to perl 5.30.1
- Improve mobile number matching
- Add support of Robustel M1200 detection
- Bug fixes.

\*\* Please install base package before P7

**Version: 20150611- 6HF6** (18 Mar, 2020)

- Increase max DB connection to 200

**Version: 20150611- 6HF5** (3 Mar, 2020)

- Fixed bug in VPN user login – Multi-LDAP
- Fixed bug in SFTP usage logs

**Version: 20150611- 6HF4** (20 Jan, 2020)

- UI bug fixes

**Version: 20150611- 6HF3** (11 Nov, 2019)

- UI bug fixes
- Export soft token users and reduce original QR image size

**Version: 20150611- 6HF2** (16 Sep, 2019)

- Bug fixes in OTP tmp table

**Version: 20150611- 6HF1** (26 Nov, 2018)

- Add timeout settings for every LDAP server connection.
- Bug fixes for UI and LDAPS connection
- Fix incorrect URL check in proxy module.
- Update to new modem task.

**Version: 20150611- 6** (25 Sep, 2018)

- Add modem signal info to syslog server
- Update PHP to 5.6.36
- Update PostgreSQL to 9.3.23
- New Dashboard for better CPU and memory info
- Fix SOAP api
- Improve direct connection and sqoobe routing
- MIM include support Microsoft Teams and WebEx Teams.
- Add time taken to send SMS in text logs when sent via modem.
- Remove supervisor access to change admin password.
- Add new DB resources for remote to check system modem health via DB user smsapp.
- DB updates to improve performance.
- Fix Direct Connection module incorrect unsent SMS.
- Improve spool manager performance
- Fix incorrect reprocessing of processed SMS.
- Improve installation script to allow the system continue processing the spool while system updating the DB
- Bug fixes.

**Version: 20150611- 5HF4** (26 June, 2018)

- Improve multi-ldap

**Version: 20150611- 5HF3** (1 May, 2018)

- Add mail size limit and backup mail route.
- Add new "supervisor" account
- SFTP usage report
- Fix incorrect Optional Network configuration when appliances in HA (primary/secondary mode).
- Remove operator control to reboot/shutdown the system.
- Improve performance.
- Update php to 5.6.34
- Update PostgreSQL to 9.3.22
- Lighttpd updated to 1.4.49
- Update web configuration to avoid potential DDoS attack.
- Add priority and label in Send Test SMS page
- Enable 3G modem to work in Packet-Switched network.
- Fix missing old sent SMS in the logs.
- Modem task update.
- Fix incorrect report page.
- Fix potential message stuck in queue
- Bug fixes.

**Version: 20150611- 5HF2** (30 Mar, 2018)

- UI bug fixes
- Captive Portal enhancement

**Version: 20150611- 5HF1** (20 Feb, 2018)

- Allow VPN user login to update contact's email
- Fix bug in 2FA Static (SMS Reply)
- Fix unexpected radius service restart

**Version: 20150611- 5** (20 Jan, 2018)

- Fix incorrect handling of "localhost" in SMTP default gateway.
- Fix error 500 when patch from older version of sendQuick.
- Fix missing retry for Direct Connection configuration.
- Fix missing SMS HA alert when secondary take over primary role.
- Fix incorrect unsend status when time control is enabled.
- Use completed time for unsend SMS.
- Improve modem task.
- Update the system to prevent to patch into older version once patch has been applied.
- Base library update for new kernel. This update is require for next kernel update to resolve Meltdown and Spectre security bug.
- PHP 5.6.33 security update
- Bug fixes.

**Version: 20150611- 4HF13** (20 Dec, 2017)

- Fix HTTP error 500 issue with new perl FCGI implementation.
- Fix incorrect SMS unsend issue.
- Updated OpenSSL 1.0.2n
- Add support to Cinterion Modem.
- Revert to support non-conforming email sender format for email to SMS.
- Fix error 500 when patch from older version of sendQuick.
- Bug fixes.
- Minor bug fixes.

**Version: 20150611- 4HF12** (07 Dec, 2017)

- New MIM routing
- New HTTP/HTTPS Proxy
- New SMPP routing
- Add support of Maestro 8080, Robustel MU709
- Add SSHD banner configuration via sqguest account.
- Fix incorrect remote IP for JSON/XML/SOAP API
- Performance improvement for spool manager
- Improved SMS file upload performance
- Fix bugs in SMTP connection
- Update latest OpenSSL 1.0.2m
- Syslog system logs to external syslog server
- Improve DB access control
- Fix missing library for setting up date and time zone configuration
- Bug fixes

**Version: 20150611- 4HF11** (13 Oct, 2017)

- Minor UI Update

**Version: 20150611- 4HF10** (06 Oct, 2017)

- Update Web Logo
- Various UI updates

**Version: 20150611- 4HF9** (21 Jul, 2017)

- Fix HA bugs

**Version: 20150611- 4HF8** (17 Jul, 2017)



- Bug fix in challenge question module

**Version: 20150611- 4HF7** (14 Jul, 2017)

- Allow VPN users to update mobile number that stores in Local DB, Remote DB or LDAP.
- Allow admin to update terms and conditions text in VPN configuration.

**Version: 20150611- 4HF6** (07 Jul, 2017)

- Fix bug in Remote DB connection
- Fix bug in on demand OTP request
- Security fixes

**Version: 20150611- 4HF5** (27 Jun, 2017)

- Security fixes

**Version: 20150611- 4HF4** (07 Jun, 2017)

- Fix bug in direct connection.

**Version: 20150611- 4HF3** (17 Apr, 2017)

- Show VPN/Softtoken user licenses
- Bug fixes

**Version: 20150611- 4HF2** (11 Apr, 2017)

- Improved SMTP Listen to extract content from malformed email.
- Improved mail processing.
- Add support for IMEI setting in SMS keyword
- Fix incorrect filter rule matching.
- Fix timing control by IMEI.
- Improve time control by IMEI sender matching.
- New mobile allow list by pattern matching.
- Bug fixes.

**Version: 20150611- 4HF1** (07 Apr, 2017)

- Allow more characters in userid when creating users by file upload
- Fix bug in Remote DB connection
- Fix sqoope retry bug
- Fix remote execution commands bug
- Add Audit Log
- Add Debug Mode
- Add download of current email log
- Add duplicate/copy Filter Rules.
- Add support to skip shift management check for Filter Rules.
- Minor updates to web UI. Remove duplicate modem status page and move spool expiry to SMS Queue Monitoring configuration page.
- Update Openssl 1.0.2k and OpenSSH 7.4p1
- Fix missing support for more than 1 prefix configuration in *Modem Setup -> Modem Routing*
- Improve modem task for 8-ports modem module and Wireless Sierra modem using older firmware. (older than 7.54.x version).
- Add new "Direct Connection" support for 3 party SMS Gateway.
- Improve network monitoring Ping service
- Increase concurrent outgoing email to 10.

- Fix incorrect long SMS mode for UTF8 message in webapp
- Fix incorrect label matching process for email SMS. Fix the group issue
- Add support of reading input from URL in HTTP POST mode.
- Fix quota alert

**Version: 20150611- 4** (10 Jan, 2017)

- New softtoken feature
- New authentication type : 2 Factor Access Challenge (Username only)
- New dashboard
- HTTPS service remove unneeded dependencies
- New sqoope status URL configuration.
- Fix change of session ID string compatibility
- Allow DNS service to be disabled.
- Fix HTTPS only configuration
- Improved HTTPS configuration page. Now support CA file, Cipher and Protocol selection
- Allow email format that sender without domain string.
- Various bug fixes.

**Version: 20150611- 3** (14 Feb, 2016)

- New Conexa User Interface
- Fix corrupted long SMS when '[' character is the 1st character in the next part SMS.
- New SMTP Routing configuration. This support outgoing email that require authentication.
- Add check for modem CPU overheat.
- Remove static SSL cipher suite.
- More fine tune modem task to avoid modem overheating.
- New UI updates including "Resend" option for unsent SMS.
- Import/export for address book and template (webapp)
- Secure cookies (webapp)
- Improve HA setup and only open HA port 9180 under eth1 only.
- Minor improvement for handling Robustel modem to avoid modem return spurious modem error.
- Fix Dashboard not displaying IP of eth2 and eth3.
- Fix incorrect AUTH type if default SMTP gateway is not localhost.
- Hardening of system tweaks:

a) DB only listen to localhost when no no DB allow is set.

b) HA port now only listen eth1 IP.

c) Remove incorrect TCP port 81 listen for web

- Bug fixes.

**Version: 20150611- 2HF4** (4 Oct, 2016)

- Many UI improvement to provide better user feedback in patching, set date and time and many more.
- New web shell for remote access.
- Improved internal task health check.
- Update OpenSSL to 1.0.2j
- Bug fixes

**Version: 20150611- 2HF3** (23 Aug, 2016)

- Fix incorrect Conexa library file.

**Version: 20150611- 2HF2** (17 Aug, 2016)

- HTTPS and NTP configuration update.
- Bug fixes.

**Version: 20150611- 2HF1** (15 Aug, 2016)

- sendQuick-sqoope update.

- Modem task improvement.
- Bug fixes.
- sendQuick-sqoope update.
- Modem task improvement.
- Fix incorrect sync in Data Sync mode.
- Bug fixes.

**Version: 20150611- 2** (25 Jul, 2016)

- New UI.
- sendQuick-sqoope ready
- Fix HA issue for webapp
- Increase mail size support to 15MB
- Bug fixes
- Updated PHP to 5.6.22
- Various UI fixes.
- Bug fixes.
- Fix mail processing error.

**Version: 20150611- 1HF10** (30 May, 2016)

- Fix incorrect pattern matching for FTP-SMS where line contain "+" in the mobile number field and "," in the message content field.
- Fix potential duplicate key in webapp
- Fix LDAP login issue in webapp
- Improve modem task on modem detection, proper call hangup for SIMCOM modem and bug fixes.
- Add new web.log into logs directory.
- Fix handling of 0xA0 unicode character for PHP.
- Fix SQL error.
- Fix Network Monitoring task hanged issue.
- Refine Spool Manager match by email sender From or Domain matching.
- Clean up Spool Manager logging.
- Bug fixes on modem quota update.
- Minor code clean up for modem task.

**Version: 20150611- 1HF9** (28 Apr, 2016)

- More refinement in mail-to-SMS task. This improve performance of email-SMS.
- Some minor tweak in the web UI and bug fixes.
- More improvement on modem exception handling.
- New modem task with new log format:  
2016-04-06 00:44:51 sms-dev1[06935] IMEI:352561050729560 ("M1-3GSM") RSSI: 14 ; BER: 00 ; 0030 ; 3G
- Further improvement on modem detection. This should reduce the modem detection within 1 minute under normal situation.
- Fix missing display escalation/reminder/report info of mail/syslog/snmp filtering under alert list page.
- Fix potential DDOS issue for Email-to-SMS service.
- Improve failure notice email content for unsent SMS.
- Increase SMTP concurrency handling.

**Version: 20150611- 1HF8** (29 Feb, 2016)

- Fix incorrect character handling when upload patch from non-ASCII named directory or path.
- Fix incorrect function call in Security Setup page when system enabled with HA mode.

**Version: 20150611- 1HF7** (25 Feb, 2016)

- Updated ntp to 4.2.8p6
- Updated openssh 7.1p2
- Updated the modem support for Wireless Sierra GL8200 3G modem.

- Update postgresql-9.3.11
- Update libxml2-2.9.3
- Update curl-7.47.1
- Update sqlite-3.10.2
- Update glibc-2.23
- Fix matching of email address for remote priority if email address is embedded into the sender string.
- Add HTML tag escape for sender string in message queue page

**Version: 20150611- 1HF6** (3 Feb, 2016)

- HA improvement.
- Improve system admin login dashboard.-
- Update to openssl-1.0.2f
- Update stunnel 5.30
- Update haproxy 1.6.3
- Update PHP to 5.6.17
- Update lighttpd 1.4.39
- Bug fixes.

**Version: 20150611- 1HF5** (7 Jan, 2016)

- Fix multi-To fields in the email-SMS bug.

**Version: 20150611- 1HF4** (21 Dec, 2015)

- Fix a webserver segfault bug.

**Version: 20150611- 1HF3** (17 Dec, 2015)

- Fix a potential modem incorrectly mark as disable bug.
- Minor feature update to email to SMS

**Version: 20150611- 1HF2** (, 2015)

- Bug fixes

**Version: 20150611- 1HF1** (, 2015)

- Bug fixes