

Alaris SMS Platform

Release notes

version 3.5.28

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1 Enhancements

General

- The two-factor authentication capability has been added for access to the System. Authentication is performed with the help of the Google Authenticator app. It can be configured as follows:
 1. The user can enable two-factor authentication for its account in the *User settings* interface by selecting the *Enable two factor authentication* checkbox. When selected, the *QR code* section becomes available, which contains the buttons *Show actual QR* and *Regenerate QR*. This QR code (the actual or re-generated one) must be fed to the Google Authenticator app. Based on the code, the app provides an additional numeric password that can be used to access the System (after entering a correct login and password). If the specified code is incorrect, the following error message will appear: "Incorrect TOTP please try again".
 2. A user with the new permission *Security policy control* can select the new checkbox *2FA enabled* for other users. In this case a user for which the checkbox was enabled will receive an email with instructions on Google Authenticator installation and access to the System. Please note that a user cannot enable this checkbox for its own users. The email template is configured in the *Template manager* interface and is called *2FA enabled for your account*.

Please note that the enabled checkbox is not saved on the user level for System users such as *Alaris*, *Monitoring*, *monitoring*, and *invoice_mon*. The maximum number of entry attempts (including login and password entry with no TOTP) is 5 within one minute; the interval between attempts must be 3 seconds.

- Rate calculation for year cubes has been removed. This serves to increase Analytics performance.
- When attempting to restore the password for an inactive user, the following error will appear: "User with such email or name not found". This is done in order not to show cases when a user is actually found.
- Previously only one EDR was written for HLR reselling even if HLR dipping was made through several HLR services (and the services did not return the MCCMNC). Starting from the new version, a separate EDR will be written for each dipping. This will allow billing HLR vendors even if no MCCMNC was received: the MCCMNC from the e.212/e.164 reference book will be written and used. Please note that the client side will be billed by the last attempt (EDR) as earlier. See also the [Alaris YouTube](#) video.

Carriers

- The *Use VerifySMS* checkbox has been removed from products as the *Verify SMS* functionality is no longer supported by Google and is therefore out of date.
- The new fields *Inbound traffic allowed* and *Outbound traffic allowed* have been added to the *Accounts* interface. They allow excluding entities from routing on the account level. The value 1 will be set for all existing accounts after update to the new version. The original behavior is "allowed on the account level". The new permission *Edit "Inbound/Outbound traffic allowed" flags* has been added that serves to allow users to edit the fields.

EDR management

- The following has been added to the EDR column *Delivery extra information*: status and code value from the delivery report in the format 'value sent to the client/value after translation/value received from the vendor'.

Enterprise API

- The `get_tag_list` method for getting tag lists has been optimized.

HLR analytics

- HLR reselling functionality has been added to the System. It is implemented in two interfaces - *HLR analytics* and *HLR configurator*. The *HLR analytics* interface serves to monitor HLR reselling traffic. To enable it, contact the Alaris technical support team and communicate the code BZ63115. The *HLR analytics* permission has been added to control access to the interface, and a number of System parameters have been added (the *HLR analytics* section). Also, the *HLR Analytical cube status (Administration)* report has been added. The interface shows details on the number of requests, margin, carrier rates, and the number of cached and ported requests. HLR analytics can be viewed by the client carrier and its respective HLR product, MCCMNC (returned by the HLR), country and network.

The *HLR configurator* interface allows configuring HLR services, users of System owner partners, and HLR traffic rules. Additionally, the *HLR reselling* section has been added to the user permissions section. It also contains child permissions for access to each of the new interfaces. Please note that the feature is charged for separately.

Number management

- When generating a non-recurrent charge by DID data for NRC, the charge period is taken from the agreement (previously the period was one day). Also, the `[DidTrafficType]` marker for SMS DID charges has been replaced with the following markers for MO traffic: `[DidTrafficRateMO]`, `[DidTrafficCostMO]`, and `[DidTrafficCntMO]`.
- Previously the number assign date was set as of the moment of the number assignment. However, for defining markers such as `[Did..]` (Alaris SMS Platform), the verification as of the start of the day is performed. For this reason, the assignment will be made as of 00:00 of the current day. See also the [Alaris YouTube](#) video.

Rate compilation

- Only vendor products of the SMS type will now be used in rate compilation.
- Possibility has been added to specify an exclusive list in the *MCCMNC exclusive list* field. See also the [Alaris YouTube](#) video.

Rate export

- The *Changes type* parameter value set when opening the interface has been changed from *Standard* to *System default*. See also the [Alaris YouTube](#) video.

Rate import

- It has been made possible to take rate start dates from dedicated cells for rate change types such as *increase*, *decrease* and *close*. Previously dates for all change types were taken from one cell. The *Rate import* interface has been reworked as follows. The right panel now serves for rate import settings. The method of picking rate start dates is now configured for each change type in the Date picker type list. Possible values are:
 - *From cell*: take the date from the cell
 - *From calendar*: select the date in the calendar that becomes available when the option is selected. This is the default value for new tasks. The date in the calendar is calculated based on the agreement.
 - *Number of days from now*: specify the number of days from today.
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Please note that if the start date is specified in the file it has priority over the dates specified in the rate import settings. Also, if the checkbox *Replace the effective dates with the dates from the agreement rate notification period* is enabled, the following notice will be shown for each block (*New rates, Increases, Decreases, Closed rates*): "If violates agreement, set active after N days", where N is taken from the agreement for each specific rate change. See also the [Alaris YouTube](#) video.

Reference books

- Import of the e.212/e.164 reference book has been optimized for DBMS Oracle SE (standard edition). See also the [Alaris YouTube](#) video.

Reports

- The *SMS e212/e164 book (Reference)* report now shows records with the highest LOT (level of trust). However, the *Level of trust* column in the report results will show the value 50 for unification purposes.
- The new System parameter has been added: *Max file for recurrent reports (mb)*. The default value is 100. If the file size exceeds the parameter value, no email will be sent, and the respective task will have the following value in the *Details* column: "Mail not sent, attachment file size is more than X Mb".
- As the *Server sessions (Administration)* report only displays active DB sessions (for example, a session of a user that opened the *Analytics* interface will not be shown), the new report *Past session activity (Administration)* has been added. The report shows sessions that involved any activity in the interfaces.
- The *Report change log (Administration)* report has been enhanced, as earlier it was based on reports created in the previous interface version.

REST API

- Additional required verifications have been implemented for the GET:sms_edr method. If the *direction* filter is not set explicitly, it is equal to zero. Also, if the method is called by a user registered under a partner other than the System owner, the following fields will be shown based on the *direction* value:
 - client
 - client_acc_id
 - src_is_successful
 - src_part_amount
 - vendor
 - vendor_acc_id
 - dst_is_successful
 - dst_part_amount
 - vendor_rate
- Methods for working with translation rules (sms_translation_rule) have been hidden from REST API.
- Methods for working with reports have been hidden as they operate with the previous version of the *Reports* interface. Methods for working with reports are available in Enterprise API.

SMS router

- Text translation has been added for concatenated messages if the number of segments is reduced after translation. The feature is configured by the System parameter *Allow decreasing number of parts after text translation* (0 - no, 1 - yes). Please note that for this feature to work, translation of concatenated messages must be additionally enabled System-wide (to enable, contact the Alaris technical support team and communicate the code BZ32093). The number of EDRs written will equal the original number of segments, while the vendor will not be charged for the segments not sent to the vendor.

The EDR storage structure has also been updated. The *Segment amount* column has been split in two: *Segment amount (Client)* and *Segment amount (Vendor)*. The same changes have been applied to the Enterprise API methods `get_sms_edr` and REST API method `sms_edr`. Similar updates have been made to the interfaces *Analytics* and *EDR export tool*: the *Segments* column has been split in *Segments (C)* and *Segments (V)*; the *Segments delivered* column split in *Segments delivered (C)* and *Segments delivered (V)*. See also the [Alaris YouTube](#) video.

SMS switch

- Vendor channel IDs can now be set in the internal configuration together with the interval (in seconds) after which the message will be sent to the next in line route if no delivery report is received from the vendor. To configure the feature, contact the Alaris technical support and communicate the code BZ63554.
- The logic for sending the status code in the `deliver_sm_resp` packet to the vendor has been enhanced if the received message ID was not found in the memory. Previously code 0 was always sent. Starting with the new version, code 12 (0x0C) will be sent. See also the [Alaris YouTube](#) video.
- The algorithm for generating UDH ID for long HTTP messages has been enhanced to avoid duplicating during generation.

Translation rules

- The *Code list* and *Error and status codes* tabs of the *Translation rules* interface have been reworked, including the internal storage structure. The *Code list* tab now contains all codes (previously it only contained SMPP and HTTP codes) including:
 - *EDR status*: codes for replacing the EDR status
 - *Routing code*: internal routing module codes when the message is rejected with the NO ROUTES cause
 - *Protocol code smpp and http*: SMPP and HTTP protocol codes
 - *Delivery status*: delivery statuses
 - *System code*: SMS switch System codes
 - *Delivery error code*: delivery report codes

Also, codes are broken down by protocol and source (User or System codes). System codes cannot be removed.

The *Error and status codes* tab now allows selecting codes and statuses for translation from the drop-down list, based on the data added to the *Code list* tab. See also the [Alaris YouTube](#) video.

- If compilation of a regular expression in the fields *Sender ID pattern*, *Dest. number pattern* and *Text pattern* takes longer than set in the System parameter *Maximum search time for regexp in string*, the following error will appear: "It will take too long time to resolve: *Sender ID pattern/Dest. number pattern/Text pattern*". It is recommended to verify that the regular expression is correct and/or optimize it.

Alaris Campaign Portal

- It is now possible to add multiple tags to the *Blacklist* tab. Previously created blacklist numbers will be moved to the *Default* tag. Also, the *Tag name* column has been added to the table of records, and operations with tags have been improved similar to the *Contacts* tab. Selection of blacklists has been added when sending campaigns: either manually or from file. See also the [Alaris YouTube](#) video.
- Verification during removal of contacts has been enhanced. If the tag with which the contacts to be removed are associated, was used in campaigns, the following error will be shown: "The tag has been used in a campaign". See also the [Alaris YouTube](#) video.
- Logging of internal database tables has been added, which store information on tags and campaigns of Alaris Campaign Portal.
- Thai localization has been added for Alaris Campaign Portal. See also the [Alaris YouTube](#) video.

Wholesale Portal

- Support of the *Stripe* payment system has been added for the Wholesale Portal. See also the [Alaris YouTube](#) video.
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2 Fixed issues

General

- Previously when creating a user and then changing it by another user, the change was not shown in the web interface (the *Modified* icon).
- Earlier domain name validation was added. The error "Invalid host name or IP address" appeared if the domain name could not be resolved to an IP-address. The error message text has been changed to a more user-friendly version: "Domain is not resolved or host is unreachable".
- Erroneous writing of the *HLR cached* and *stateful processing* flags has been fixed for the last attempt (EDR), if the message was resent based on the delivery status.
- The *Loop detection* and *Regular expressions* interface could not be opened again if they were opened previously. The user had to relogin in order to access them.

Analytics

- A column sorting error has been fixed. Earlier, if a column was added in a new System version, sorting could operate incorrectly.

Billing logic

- Incorrect EDR evaluation has been fixed if a custom billing preset was applied for the product.
- Earlier, if an MO message had a non-numeric Sender ID (for example, *Facebook*), the rate for the respective MCCMNC was taken from the System parameter *MCC "Rest of the world"* (777 by default), but was not written to the EDR. The issue has been fixed.

EDR rerating

- The rerating procedure has been optimized for Oracle SE.

Financial module

- The effect of cached records on HLR invoices has been removed.
- Previously it was impossible to define the country and network to show in invoices for products with the enabled *Use sender MCCMNC based rates* checkbox because the destination MCCMNC was written incorrectly to the EDR. The issue has been fixed.
- If the agreement start date was in the middle of the billing period, some markers (for example, [CompanyRegisteredName]) could not be correctly replaced with values when generating an invoice for the period, and were replaced with void. Starting from the new version, the agreement will be defined by the invoice end date.
- The "Carrier(id=) not found"/"Product(id=) not found" error during auto import of payments has been fixed.

Rate editor

- When adding or changing a rate to an MCCMNC the country or network name of which contained Unicode symbols, the following error appeared: "Maximum number of filtering parameters exceeded. Please reduce the number of parameters to filter."
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Fixed issues

- Previously when changing the rate close date, the rate start date could also be reset if the time was set to a value other than 00:00:00 (for example, the value 2023.06.01 02:00:00 was changed to 2023.06.01 00:00:00).

Rate export

- The error has been fixed that caused selection of *Default rate export* mode instead of *Default Auto rate export* mode for auto rate export.

Rate import

- If a cell contained multiple e.212 codes one of which coincided with other codes in the same file, the entire row was removed from parsing. The issue has been fixed. Now only the coinciding code is removed.
- Previously when an e.212 value could not be read (for example, because it was empty or non-numeric), the following additional error was shown: "Rate is empty - closing rate", even though the rate was not actually empty. The issue has been fixed.
- Import of rate lists with incorrect parsing settings or empty file body has been fixed. Earlier parsing of such file did not cause error but resulted in import of the previous rate file to the selected product. The issue has been fixed; now such files will get the Failed status, and import will be interrupted, just like in case of a critical error.

Reference books

- When adding a country tax (*Countries and regions* interface), overlapping periods could be set. The issue has been fixed.

Reports

- When setting a schedule in the format 0,1,2,3,4..., the report was not sent during the first hour because hour 0 was included in the schedule.
- Sometimes, when getting an empty recurrent report, the report details did not contain the reason why the email was not sent. Now the report details will contain the following record: "Mail not sent, result empty".
- When exporting report results to a file from the *view* page, the header will be added to the file based on the System parameter *Add report info to file header* (0 - no, 1 - yes). *By default - 1*. Previously the header was not added even if the parameter was enabled.
- Operation of EDR-based reports has been optimized (internal *sms_cdr* table). To apply optimizations to non-System reports (custom developed based on trouble tickets), please contact the Alaris technical support team. Otherwise custom reports may not contain buffer EDRs.

Routing module

- The algorithm has been developed for collecting statistics on rules (metrics *RuleDivCNT*, *RuleSucCNT* and *RuleAttCNT*). In some cases (for example, if SMS switch modules were installed on different servers), the counters were updated out of time.

Simulation

- The response timeout to simulation request has been increased up to 60 seconds. This serves to avoid the error "ORA-29276: transfer timeout" in case request processing takes a long time or if the routing module server is remote from the database.
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Fixed issues

- The following error occurred during simulation if no HLR rate could be found in the product for the MCCMNC in the format 999xxx: "Cannot receive data from socket, exception 'NoneType' object has no attribute '__getitem__'"

SMS switch

- When rerouting a message to an alternative route, no client POI ID was written to the EDR. The issue has been fixed.
- Delivery reports that contained text in data coding 8 that was correctly encoded in UTF-16BE were not sent to the client and no EDR was generated. The issue has been fixed.
- Previously the last routing rule was written to the EDR incorrectly if all routes were blocked. The issue has been fixed.
- Previously, during translation and further text transcoding of a single message, the SMS switch used the source data coding. This could result in incorrect message rejection with the internal cause MESSAGE ENCODING FAILED (for example, if the data coding was changed from 8 to 0). The issue has been fixed. Now, the vendor data coding will be used for text length calculation when transcoding text. Also, no translation is applied if the text translation result exceeds the maximum allowed number of symbols (provided that the data coding remains the same). The maximum allowed number of symbols is set in the SMS switch internal configuration.

Test system

- The "invalid identifier" error has been fixed when filtering by the columns *MCCMNC* and *Long message sending*.
- Defining of the country and network has been corrected for TestMySMS tasks.

Tags

- Force rounding of *Effective from/Effective till* dates to start of the day has been removed.

Volume-based deals 2.0

- Previously, when reducing the period of a volume-based deal or removing the deal, respective rates were not deleted from the product if the deal timezone coincided with the System timezone. The issue has been fixed.
- When closing a deal that included several products, rates were changed (removed) for only one product. The issue has been fixed.

Alaris Campaign Portal

- The method for getting a list of contacts when sending campaigns has been optimized. Previously, if a large number of tags and contacts were configured, up to 20-minute delays could occur before sending out a campaign. Now the delays will not exceed one minute.
 - The minimum amount verification has been enhanced (the parameter *Minimum payment amount for portal*) when topping up the balance through Alaris Campaign Portal. Previously the verification was performed for the amount less tax/payment fee. Starting with the new version, the verification will not take into account the tax/payment fee.
 - Previously the module that handled Alaris Campaign Portal applied the timezone only once during restart. As a result, when switching to daylight saving time the timezone shift was not applied until the next restart.
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Fixed issues

- Calculation of an estimated cost of a campaign with multiple tags in it was incorrect as it only took into account the first specified tag. The issue has been fixed.
- Previously, in case of an SMS pack applying error, the pack was not applied to the account, but its cost was deduced from balance. The issue has been fixed.
- The issue has been fixed that caused duplication of statistics on Campaign Portal charts.

Wholesale Portal

- Verification of the allowed addresses list for Wholesale Portal users has been corrected.

3 Known issues

General

- When the user logs out of the System by clicking the *Log out* button and then logs in again, the previously opened tabs are not restored.
- If a mail server has been removed from the *Outgoing email accounts* interface, and the internal queue has unsent messages (for example, due to failed authorization) that were supposed to go through this mail server, new messages sent through existing mail servers may remain in the queue.
- If the password for connection to the email server of the *Outgoing email accounts* interface contains the ' symbol, an error occurs when verifying connection with the server. It is recommended to remove the ' symbol from the password.
- When selecting a region in a carrier filter, some carriers may be available that have a region with an ID that partly matches the region in question (for example, region ID=1 partly matches region ID=11). The issue is observed in multipickers, for example in *EDR export tool*.
- A user with the *Invoicing* permission but with no *Generate client invoice/Register vendor invoice* permissions can recalculate period for an account available to the user if *Direction: All* is selected. The situation is incorrect.
- No automatic loading of regular expressions occurs when using the *Regular expressions* interface.

Analytics

- When not possible to define the network by reference book it is determined as undefined. When it is selected, Analytics data are reset.
- When the *Telescopic* mode is enabled for the *Analytics* interface, and a year period is opened, the bottom table may show values greater than those in the top table. The situation is incorrect.
- A blank space at the beginning or end of a country or network name causes 'clearing' of the *Analytics* table when selecting the row with the country or network.
- When exporting a file from the bottom table of the *Analytics* interface for partners with the *Self signed-up* checkbox selected, the file cannot be opened correctly.
- When exporting EDRs for the *Client product notes* layer, the limitation on the number of exported rows does not work.
- When setting a fractional time zone (for example, GMT+3.30) on the user device, an incorrect time shift is observed for the days on which daylight saving time change occurs.

Carriers

- When new POIs are added to the product that already has prioritized POIs, the new POIs are displayed in the list of priorities, even though they have no priorities and can be selected for routing at random.
- If a product is used in a large number of rules, the following error may occur when removing the product from all routing rules with the help of the button *Delete this product from all routing rules*: "Maximum number of filtering parameters exceeded. Please reduce the number of parameters to filter".

EDR management

- Filtering in the *Comments* column operates incorrectly if capital letters are used in the field when creating a task.
- EDR export may cause the *Invalid json* error if the list of messages for export contains a status with non-ASCII symbols.
- The *Client Sender ID* column shows the Sender ID after 'Pre-routing' translation was applied, whereas it should show the original Sender ID.
- When getting a long message over HTTP with `longMessageMode=split`, message parts are assigned identical transaction IDs. For this reason, when viewing the parts in the *EDR Export (SMS)* report or the *EDR export tool* interface, the *SMS text* column will contain the full message text (all parts). However, the *Translated text* column will contain the text of a specific part only (which is correct behavior).

Financial module

- When exporting the table of payments to MS Excel the *Covered amount* and *Amount debited* columns are not included in the file.

Rate editor

- When selecting a rate group and then changing the number of rows per page (for example from 200 to 500), the *Export to Excel* feature will export the previous number of rows (200). To work around the issue, first set the number of rows per page and then select the rate group.

Rate import

- If a rate notification is received where the first sheet in the file is empty (it can be hidden), further file parsing with *Processor:Internal library* shows an empty page and cannot be performed. As a workaround it is recommended to select *Processor:numeric* or remove the empty sheet from the file.
- Previously when assigning the *e.212* column, resetting it and re-assigning it, the following error could occur when attempting import: The following columns must be specified: *e.212* or *MCC* and *MNC*. Also, in this situation *MCC* and *MNC* columns could not be assigned. The issue has been partly fixed, but is still observed when restarting an import task.
- If an email has an empty field (for example, email subject or body), it will be considered matching an auto import rule even if the rule for the field contains a specific mask (for example, `%test%`).
- Getting auto import emails the *To*, *CC* and *BCC* fields of which exceed 4000 bytes (in total), cause the following error when opening the *Email processing rules* and *Rate import* interfaces: "Please provide your database administrator with this error. ORA-01489: result of string concatenation is too long".
- The simulation result for email processing rules may be different from the actual result, as when specifying multiple emails in the *To* field during simulation, the rule's field *Mail to/CC/BCC mask* is treated as a mask even if exact match is required. Example: Suppose the *Mail to/CC/BCC* is `alaris.test@gmail.com` which denotes exact match. Suppose a message was received with the following parameters:

To: `alaris.test@gmail.com`

CC: `new@gmail.com`

When searching for a suitable email processing rules, both emails will be merged to the string "alaris.test@gmail.com,new@gmail.com" which does not match the set Mail to/CC/BCC mask and the rule will not be selected. However, based on a simulation rule, the rule is considered suitable, which is incorrect. To avoid such situations, it is recommended specifying the Mail to/CC/BCC mask as a mask, for example:

[%alaris.test@gmail.com%](#)

REST API

- A deactivated user can send requests to REST API, which is incorrect.
- When using the REST API method `schedule_sms_sending_from_file` or `bulk_send_sms`, different values for messages can be set in the following parameters only:

from

to

message

When specifying different `im_message` values, only the last value will be used as IM text for all messages of a campaign.

Routing module

- Due to the specifics of information storage by tag, incorrect update of tag values is observed in the routing module if several identical values are available under one tag (with different periods).

Routing rules

- The *Vendor product* field disappears when changing the rule type from *Block* to *Regular routing*. However, its value is saved in the database which results in incorrect display after the regular routing rule is saved.

Simulation

- The old value for the *Optional field (TLV)* field is not displayed in the *Applied translations* section.
- If the applied translation rule contains the "~" symbol in any template or the translation itself, the simulation task is completed with the following error: "The element counts do not coincide."

SMS switch

- In rare cases, source and destination numbers may be displayed as blank because of incorrect symbols in the Sender ID (for example, `\x11` instead of blank space).
 - An erroneous algorithm is observed for calculation of message count in the buffer: their count is multiplied by the number of SMS channel connections. Please note that the issue only affects the data display.
 - A full MPS buffer can be shown for client channels, even though the number of messages is not exceeded. It happens because the column additionally takes into account the number of messages sent from the channel, for which no response from the vendor was received.
 - If the MO message encoding is changed after text translation (for example, Hello is translated into (أهلأ), the client is sent the original data coding (`data_coding=0` instead of `data_coding=8`).
 - The EDR for a message sent from the *Test system* contains the value Vendor IP=N/A. Also, the TON and NPI values are specified as -/-/, even though correct values are sent to the vendor.
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- If the new generation SMS switch is employed, the current buffer occupancy can be verified both by the new generation and previous generation switches, as currently both switches operate together.
- At least one active session with a vendor is required to replace a status or error code when sending a delivery report to the client on no available routes for sending SMS (including channels with the enabled option *Send submit_sm_resp before routing*).
- In rare cases (for example, if the network connection is unstable) the SMS switch may send packets intended for the old connection to the new connection before it receives a bind packet.
- The following behavior is observed for the SMS switch. If several switches are installed on different servers, values of the following vendor SMS channel parameters will be multiplied by the number of available switches:
 - *Vendor capacity (sms/sec)*
 - *Vendor window size*

For example, if the parameter *Vendor capacity (sms/sec)* is set to 200, and two separate new-generation switches are installed in the System and the connection is established from both of them, the allowed channel capacity is 400. If the connection is established from one switch only, the allowed capacity will be 200.

- Error code translation with the asterisk symbol * as the source code is applied even if translation with a specific code from the source report is available.
- The new generation SMS switch records statuses of disabled channels.
- If the new generation SMS switch is used, and multiple IP addresses are specified within a single disabled channel, *enquire_link* packets from the IP address specified in the middle of the list will be received by the switch. This behavior is erroneous.

Tags

- Tag import for the types *Merge* or *Close all existing records* closes tags only in case of exact match (thus, tags and their values in the file must fully match names and values existing in the System).
- When importing tags of the types *Delete matching records* or *Close matching records* and specifying the tag name only (without the *Tag value* column), existing tag records are not deleted/closed.

Test system

- Incorrect filtering by the network name is observed if multiple names have been configured for one and the same MCCMNC.
- Scheduled tests are sent as per preset settings that were used at the first start of the schedule, even if they were changed and saved since.

Volume-based deals and Volume-based deals 2.0

- When applying configured thresholds and rates to a large number of periods (60+) the following error appears: "Maximum number of filtering parameters exceeded". It is recommended to apply thresholds and rates consecutively.

Alaris Campaign Portal

- The issue of double unblocking of funds may occur. It occurs in case of unsuccessful message sending from Alaris Campaign Portal - for example, if the vendor returned a delivery report with the UNDELIV status. As a result, the number of available messages in the SMS pack can be exceeded.
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Known issues

- Incorrect operation is observed for the System parameter *Message limit for Campaign Portal campaigns*. In some cases, the limit may be exceeded.
 - If the user enters a password in the registration form and such passport does not comply with security policies configured in System settings, no error message is shown. However the error message is shown when opening the confirmation link in the email.
 - When creating an additional custom field with the type *Date* in Campaign Portal, and when editing contacts manually, the following error appears: "Invalid date format".
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Database structure changes

4 Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
BAS_PRODUCT	USE_ANI_BILLING	created in 3.5.28	NUMBER	22	Y	Check ANI fields in rates
RAT_DEPEND_RATE_TMP	CHILD_INDEX	created in 3.5.28	VARCHAR2	33	Y	Reference to child product
RAT_DEPEND_RATE_TMP	RATE_ANI_CSCD	created in 3.5.28	VARCHAR2	4000	Y	Carrier-specific origin destination
RAT_DEPEND_RATE_TMP	RATE_ANI_DIAL_CODE	created in 3.5.28	VARCHAR2	16	Y	Origin dial code
RAT_EXP_ALL_REC_TMP	-- Table --	created in 3.5.28				Temporary table for rate export
RAT_EXP_PRESET	PRESET_BILLING_TYPE	created in 3.5.28	VARCHAR2	30	Y	Billing type
RAT_EXP_REC_TMP	-- Table --	created in 3.5.28				Temporary table for rate export
RAT_IMP_ERR_LOG	RATE_ANI_CSCD	created in 3.5.28	VARCHAR2	4000	Y	Carrier-specific origin destination



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_LOAD_ORIGIN_CODE	-- Table --	created in 3.5.28				Rate origin dial codes import results table
RAT_IMP_LOAD_ORIGIN_CODE	ANI_CSCD	created in 3.5.28	VARCHAR2	4000	Y	Carrier-specific origin destination
RAT_IMP_LOAD_ORIGIN_CODE	ANI_DIAL_CODE	created in 3.5.28	VARCHAR2	16	Y	Origin dial code
RAT_IMP_LOAD_ORIGIN_CODE	END_DATE	created in 3.5.28	DATE	7	Y	End date
RAT_IMP_LOAD_ORIGIN_CODE	ERROR_TYPE_ID	created in 3.5.28	NUMBER	22	Y	Error type ID
RAT_IMP_LOAD_ORIGIN_CODE	SHEET_NAME	created in 3.5.28	VARCHAR2	1024	Y	Sheet name in Excel file
RAT_IMP_LOAD_ORIGIN_CODE	SHEET_ROW_NUM	created in 3.5.28	NUMBER	22	Y	Row number in sheet
RAT_IMP_LOAD_ORIGIN_CODE	START_DATE	created in 3.5.28	DATE	7	Y	Start date



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_IMP_LOAD_ORIGIN_CODE	TASK_JOB_NAME	created in 3.5.28	VARCHAR2	36	Y	Task job name
RAT_IMP_LOAD_RATE	RATE_ANI_CSCD	created in 3.5.28	VARCHAR2	4000	Y	Carrier-specific origin destination
RAT_IMP_LOAD_RATE	RATE_DIAL_CODE	changed in 3.5.28	VARCHAR2	4000	Y	Dial code
RAT_IMP_LOAD_RATE	RATE_ID	deleted in 3.5.28	NUMBER	22	Y	Rate ID
RAT_RATE	RATE_ANI_CSCD	created in 3.5.28	VARCHAR2	4000	Y	Carrier-specific origin destination
RAT_RATE	RATE_ANI_GRP_ID	created in 3.5.28	NUMBER	22	Y	Origin dial codes group ID
RAT_RATE_ORIGIN_GROUP	-- Table --	created in 3.5.28				Rate origin dial codes
RAT_RATE_ORIGIN_GROUP	ANI_DIAL_CODE	created in 3.5.28	VARCHAR2	16	N	Origin dial code
RAT_RATE_ORIGIN_GROUP	GRP_ID	created in 3.5.28	NUMBER	22	N	Origin dial codes group ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
RAT_RATE_ORIGIN_GROUP_TMP	-- Table --	created in 3.5.28				Temporary table for rate import
RAT_RATE_TMP	RATE_ANI_CSCD	created in 3.5.28	VARCHAR2	4000	Y	Carrier-specific origin destination
SMS_SYS_DLV_STATUS	-- Table --	created in 3.5.28				List of system delivery statuses
SMS_SYS_DLV_STATUS	ID	created in 3.5.28	NUMBER	22	N	Unique ID
SMS_SYS_DLV_STATUS	STATUS	created in 3.5.28	VARCHAR2	16	N	Status name
SMS_TRNSL_CODE	-- Table --	created in 3.5.28				Error code translations
SMS_TRNSL_CODE	CODE	created in 3.5.28	VARCHAR2	4000	N	code
SMS_TRNSL_CODE	CODE_TYPE	created in 3.5.28	NUMBER	22	N	code type: routing/system/error/status/protocol code
SMS_TRNSL_CODE	DESCR	created in 3.5.28	VARCHAR2	4000	N	description



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRNSL_CODE	ID	created in 3.5.28	NUMBER	22	N	id
SMS_TRNSL_CODE	PROTOCOL	created in 3.5.28	VARCHAR2	10	N	protocol http/smpp/any
SMS_TRNSL_CODE	TYPE	created in 3.5.28	NUMBER	22	N	code type system/user - 0/1
SMS_TRNSL_RULES	-- Table --	created in 3.5.28				Code translation rules
SMS_TRNSL_RULES	CHANNELS	created in 3.5.28	VARCHAR2	4000	Y	Channel list
SMS_TRNSL_RULES	ERROR_CODE	created in 3.5.28	NUMBER	22	Y	Error code
SMS_TRNSL_RULES	ID	created in 3.5.28	NUMBER	22	N	id
SMS_TRNSL_RULES	MCCMNC_LIST	created in 3.5.28	VARCHAR2	4000	Y	MCCMNC list
SMS_TRNSL_RULES	RESULT_CODE	created in 3.5.28	NUMBER	22	Y	Result code
SMS_TRNSL_RULES	SOURCE_CODE	created in 3.5.28	NUMBER	22	Y	Source code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
SMS_TRNSL_RULES	TYPE_CODE	created in 3.5.28	NUMBER	22	N	Translation type from sms_trnsl_type
STA_CUBE_DAY_BK	-- Table --	deleted in 3.5.28				Voice analytic daily cube
STA_CUBE_DAY_BK	AVG_PDD	deleted in 3.5.28	NUMBER	22	Y	Average PDD
STA_CUBE_DAY_BK	CALLED_LATA	deleted in 3.5.28	NUMBER	22	Y	B-side LATA
STA_CUBE_DAY_BK	CALLED_OCN	deleted in 3.5.28	VARCHAR2	4	Y	B-side OCN
STA_CUBE_DAY_BK	CALLED_STATE	deleted in 3.5.28	VARCHAR2	2	Y	B-side State
STA_CUBE_DAY_BK	CALLING_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	A-number dial code
STA_CUBE_DAY_BK	CALLING_LATA	deleted in 3.5.28	NUMBER	22	Y	A-side LATA
STA_CUBE_DAY_BK	CALLING_OCN	deleted in 3.5.28	VARCHAR2	4	Y	A-side OCN
STA_CUBE_DAY_BK	CALLING_STATE	deleted in 3.5.28	VARCHAR2	2	Y	A-side State
STA_CUBE_DAY_BK	COUNT_OK	deleted in 3.5.28	NUMBER	22	Y	Successful calls



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_DAY_BK	COUNT_RES	deleted in 3.5.28	NUMBER	22	Y	Attempts with successful code
STA_CUBE_DAY_BK	COUNT_SHORT	deleted in 3.5.28	NUMBER	22	Y	Short calls
STA_CUBE_DAY_BK	COUNT_TOTAL	deleted in 3.5.28	NUMBER	22	Y	Attempts count
STA_CUBE_DAY_BK	COUNT_VERY_SHORT	deleted in 3.5.28	NUMBER	22	Y	Very short calls
STA_CUBE_DAY_BK	DCHECK	deleted in 3.5.28	DATE	7	Y	Date
STA_CUBE_DAY_BK	DST_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_DAY_BK	DST_POI_ID	deleted in 3.5.28	NUMBER	22	Y	Vendor POI ID
STA_CUBE_DAY_BK	DST_RATE_LIST	deleted in 3.5.28	VARCHAR2	30	Y	3 sample vendor rates
STA_CUBE_DAY_BK	EXTRA_CNT	deleted in 3.5.28	NUMBER	22	Y	CDR count with extra sign
STA_CUBE_DAY_BK	GROUP_ID	deleted in 3.5.28	NUMBER	22	Y	Aggregation group ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_DAY_BK	HOST	deleted in 3.5.28	VARCHAR2	256	Y	Softswitch
STA_CUBE_DAY_BK	MAX_PDD	deleted in 3.5.28	NUMBER	22	Y	Maximum PDD
STA_CUBE_DAY_BK	MIN_PDD	deleted in 3.5.28	NUMBER	22	Y	Minimum PDD
STA_CUBE_DAY_BK	SRC_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	Client dial code from rates
STA_CUBE_DAY_BK	SRC_POI_ID	deleted in 3.5.28	NUMBER	22	Y	Client POI ID
STA_CUBE_DAY_BK	SRC_RATE_LIST	deleted in 3.5.28	VARCHAR2	30	Y	3 sample client rates
STA_CUBE_DAY_BK	SUM_DST_CHARGE	deleted in 3.5.28	NUMBER	22	Y	Vendor charge
STA_CUBE_DAY_BK	SUM_DST_DURATION	deleted in 3.5.28	NUMBER	22	Y	Vendor duration, sec
STA_CUBE_DAY_BK	SUM_DURATION	deleted in 3.5.28	NUMBER	22	Y	Raw duration, sec
STA_CUBE_DAY_BK	SUM_MARGIN	deleted in 3.5.28	NUMBER	22	Y	Margin
STA_CUBE_DAY_BK	SUM_SRC_CHARGE	deleted in 3.5.28	NUMBER	22	Y	Client charge



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_DAY_BK	SUM_SRC_DURATION	deleted in 3.5.28	NUMBER	22	Y	Client duration, sec
STA_CUBE_GROUP	GROUP_ID	changed in 3.5.28	NUMBER	22	N	Group ID
STA_CUBE_MANAGER_M ONTH	-- Table --	deleted in 3.5.28				Manager analytic monthly cube
STA_CUBE_MANAGER_M ONTH	AVG_PDD	deleted in 3.5.28	NUMBER	22	Y	Average PDD
STA_CUBE_MANAGER_M ONTH	CALLED_LATA	deleted in 3.5.28	NUMBER	22	Y	B-side LATA
STA_CUBE_MANAGER_M ONTH	CALLED_OCN	deleted in 3.5.28	VARCHAR2	4	Y	B-side OCN
STA_CUBE_MANAGER_M ONTH	CALLED_STATE	deleted in 3.5.28	VARCHAR2	2	Y	B-side State
STA_CUBE_MANAGER_M ONTH	CALLING_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	A-number dial code



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	CALLING_LATA	deleted in 3.5.28	NUMBER	22	Y	A-side LATA
STA_CUBE_MANAGER_MONTH	CALLING_OCN	deleted in 3.5.28	VARCHAR2	4	Y	A-side OCN
STA_CUBE_MANAGER_MONTH	CALLING_STATE	deleted in 3.5.28	VARCHAR2	2	Y	A-side State
STA_CUBE_MANAGER_MONTH	COUNT_ACCOUNTABLE	deleted in 3.5.28	NUMBER	22	Y	Count of total attempts accountable for PDD calculation
STA_CUBE_MANAGER_MONTH	COUNT_OK	deleted in 3.5.28	NUMBER	22	Y	Successful calls
STA_CUBE_MANAGER_MONTH	COUNT_RES	deleted in 3.5.28	NUMBER	22	Y	Attempts with successful code
STA_CUBE_MANAGER_MONTH	COUNT_SHORT	deleted in 3.5.28	NUMBER	22	Y	Short calls
STA_CUBE_MANAGER_MONTH	COUNT_TOTAL	deleted in 3.5.28	NUMBER	22	Y	Attempts count



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	COUNT_VERY_SHORT	deleted in 3.5.28	NUMBER	22	Y	Very short calls
STA_CUBE_MANAGER_MONTH	DCHECK	deleted in 3.5.28	DATE	7	Y	Date
STA_CUBE_MANAGER_MONTH	DST_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_MANAGER_MONTH	DST_POI_ID	deleted in 3.5.28	NUMBER	22	Y	Vendor POI ID
STA_CUBE_MANAGER_MONTH	DST_RATE_LIST	deleted in 3.5.28	VARCHAR2	64	Y	3 sample vendor rates
STA_CUBE_MANAGER_MONTH	EXTRA	deleted in 3.5.28	VARCHAR2	128	Y	Extra field
STA_CUBE_MANAGER_MONTH	EXTRA_CNT	deleted in 3.5.28	NUMBER	22	Y	CDR count with extra sign
STA_CUBE_MANAGER_MONTH	GROUP_ID	deleted in 3.5.28	NUMBER	22	Y	Aggregation group ID



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	HOST	deleted in 3.5.28	VARCHAR2	256	Y	Softswitch
STA_CUBE_MANAGER_MONTH	MANAGER_ID	deleted in 3.5.28	NUMBER	22	Y	Manager ID
STA_CUBE_MANAGER_MONTH	MAX_PDD	deleted in 3.5.28	NUMBER	22	Y	Maximum PDD
STA_CUBE_MANAGER_MONTH	MIN_PDD	deleted in 3.5.28	NUMBER	22	Y	Minimum PDD
STA_CUBE_MANAGER_MONTH	RULE_ID	deleted in 3.5.28	NUMBER	22	Y	Routing rule ID
STA_CUBE_MANAGER_MONTH	SRC_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	Client dial code from rates
STA_CUBE_MANAGER_MONTH	SRC_POI_ID	deleted in 3.5.28	NUMBER	22	Y	Client POI ID
STA_CUBE_MANAGER_MONTH	SRC_RATE_LIST	deleted in 3.5.28	VARCHAR2	64	Y	3 sample client rates



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	SUM_DST_CHARGE	deleted in 3.5.28	NUMBER	22	Y	Vendor charge
STA_CUBE_MANAGER_MONTH	SUM_DST_DURATION	deleted in 3.5.28	NUMBER	22	Y	Vendor duration, sec
STA_CUBE_MANAGER_MONTH	SUM_DST_RAW_DURATION	deleted in 3.5.28	NUMBER	22	Y	Total vendor raw duration (in seconds)
STA_CUBE_MANAGER_MONTH	SUM_DURATION	deleted in 3.5.28	NUMBER	22	Y	Raw duration, sec
STA_CUBE_MANAGER_MONTH	SUM_MARGIN	deleted in 3.5.28	NUMBER	22	Y	Margin
STA_CUBE_MANAGER_MONTH	SUM_SRC_CHARGE	deleted in 3.5.28	NUMBER	22	Y	Client charge
STA_CUBE_MANAGER_MONTH	SUM_SRC_CONN_FEE	deleted in 3.5.28	NUMBER	22	Y	Total client connection fee
STA_CUBE_MANAGER_MONTH	SUM_SRC_DURATION	deleted in 3.5.28	NUMBER	22	Y	Client duration, sec



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MANAGER_MONTH	SUM_SRC_RAW_DURATION	deleted in 3.5.28	NUMBER	22	Y	Total client raw duration (in seconds)
STA_CUBE_MANAGER_MONTH	SWAP	deleted in 3.5.28	NUMBER	22	Y	Swap deals flag
STA_CUBE_MONTH_BK	-- Table --	deleted in 3.5.28				Voice analytic monthly cube
STA_CUBE_MONTH_BK	AVG_PDD	deleted in 3.5.28	NUMBER	22	Y	Average PDD
STA_CUBE_MONTH_BK	CALLED_LATA	deleted in 3.5.28	NUMBER	22	Y	B-side LATA
STA_CUBE_MONTH_BK	CALLED_OCN	deleted in 3.5.28	VARCHAR2	4	Y	B-side OCN
STA_CUBE_MONTH_BK	CALLED_STATE	deleted in 3.5.28	VARCHAR2	2	Y	B-side State
STA_CUBE_MONTH_BK	CALLING_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	A-number dial code
STA_CUBE_MONTH_BK	CALLING_LATA	deleted in 3.5.28	NUMBER	22	Y	A-side LATA
STA_CUBE_MONTH_BK	CALLING_OCN	deleted in 3.5.28	VARCHAR2	4	Y	A-side OCN



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH_BK	CALLING_STATE	deleted in 3.5.28	VARCHAR2	2	Y	A-side State
STA_CUBE_MONTH_BK	COUNT_OK	deleted in 3.5.28	NUMBER	22	Y	Successful calls
STA_CUBE_MONTH_BK	COUNT_RES	deleted in 3.5.28	NUMBER	22	Y	Attempts with successful code
STA_CUBE_MONTH_BK	COUNT_SHORT	deleted in 3.5.28	NUMBER	22	Y	Short calls
STA_CUBE_MONTH_BK	COUNT_TOTAL	deleted in 3.5.28	NUMBER	22	Y	Attempts count
STA_CUBE_MONTH_BK	COUNT_VERY_SHORT	deleted in 3.5.28	NUMBER	22	Y	Very short calls
STA_CUBE_MONTH_BK	DCHECK	deleted in 3.5.28	DATE	7	Y	Date
STA_CUBE_MONTH_BK	DST_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_MONTH_BK	DST_POI_ID	deleted in 3.5.28	NUMBER	22	Y	Vendor POI ID
STA_CUBE_MONTH_BK	DST_RATE_LIST	deleted in 3.5.28	VARCHAR2	30	Y	3 sample vendor rates



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH_BK	EXTRA_CNT	deleted in 3.5.28	NUMBER	22	Y	CDR count with extra sign
STA_CUBE_MONTH_BK	GROUP_ID	deleted in 3.5.28	NUMBER	22	Y	Aggregation group ID
STA_CUBE_MONTH_BK	HOST	deleted in 3.5.28	VARCHAR2	256	Y	Softswitch
STA_CUBE_MONTH_BK	MAX_PDD	deleted in 3.5.28	NUMBER	22	Y	Maximum PDD
STA_CUBE_MONTH_BK	MIN_PDD	deleted in 3.5.28	NUMBER	22	Y	Minimum PDD
STA_CUBE_MONTH_BK	SRC_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	Client dial code from rates
STA_CUBE_MONTH_BK	SRC_POI_ID	deleted in 3.5.28	NUMBER	22	Y	Client POI ID
STA_CUBE_MONTH_BK	SRC_RATE_LIST	deleted in 3.5.28	VARCHAR2	30	Y	3 sample client rates
STA_CUBE_MONTH_BK	SUM_DST_CHARGE	deleted in 3.5.28	NUMBER	22	Y	Vendor charge
STA_CUBE_MONTH_BK	SUM_DST_DURATION	deleted in 3.5.28	NUMBER	22	Y	Vendor duration, sec
STA_CUBE_MONTH_BK	SUM_DURATION	deleted in 3.5.28	NUMBER	22	Y	Raw duration, sec



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_MONTH_BK	SUM_MARGIN	deleted in 3.5.28	NUMBER	22	Y	Margin
STA_CUBE_MONTH_BK	SUM_SRC_CHARGE	deleted in 3.5.28	NUMBER	22	Y	Client charge
STA_CUBE_MONTH_BK	SUM_SRC_DURATION	deleted in 3.5.28	NUMBER	22	Y	Client duration, sec
STA_CUBE_WEEK_BK	-- Table --	deleted in 3.5.28				Voice analytic weekly cube
STA_CUBE_WEEK_BK	AVG_PDD	deleted in 3.5.28	NUMBER	22	Y	Average PDD
STA_CUBE_WEEK_BK	CALLED_LATA	deleted in 3.5.28	NUMBER	22	Y	B-side LATA
STA_CUBE_WEEK_BK	CALLED_OCN	deleted in 3.5.28	VARCHAR2	4	Y	B-side OCN
STA_CUBE_WEEK_BK	CALLED_STATE	deleted in 3.5.28	VARCHAR2	2	Y	B-side State
STA_CUBE_WEEK_BK	CALLING_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	A-number dial code
STA_CUBE_WEEK_BK	CALLING_LATA	deleted in 3.5.28	NUMBER	22	Y	A-side LATA
STA_CUBE_WEEK_BK	CALLING_OCN	deleted in 3.5.28	VARCHAR2	4	Y	A-side OCN



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_WEEK_BK	CALLING_STATE	deleted in 3.5.28	VARCHAR2	2	Y	A-side State
STA_CUBE_WEEK_BK	COUNT_OK	deleted in 3.5.28	NUMBER	22	Y	Successful calls
STA_CUBE_WEEK_BK	COUNT_RES	deleted in 3.5.28	NUMBER	22	Y	Attempts with successful code
STA_CUBE_WEEK_BK	COUNT_SHORT	deleted in 3.5.28	NUMBER	22	Y	Short calls
STA_CUBE_WEEK_BK	COUNT_TOTAL	deleted in 3.5.28	NUMBER	22	Y	Attempts count
STA_CUBE_WEEK_BK	COUNT_VERY_SHORT	deleted in 3.5.28	NUMBER	22	Y	Very short calls
STA_CUBE_WEEK_BK	DCHECK	deleted in 3.5.28	DATE	7	Y	Date
STA_CUBE_WEEK_BK	DST_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	Vendor dial code from rates
STA_CUBE_WEEK_BK	DST_POI_ID	deleted in 3.5.28	NUMBER	22	Y	Vendor POI ID
STA_CUBE_WEEK_BK	DST_RATE_LIST	deleted in 3.5.28	VARCHAR2	30	Y	3 sample vendor rates



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_WEEK_BK	EXTRA_CNT	deleted in 3.5.28	NUMBER	22	Y	CDR count with extra sign
STA_CUBE_WEEK_BK	GROUP_ID	deleted in 3.5.28	NUMBER	22	Y	Aggregation group ID
STA_CUBE_WEEK_BK	HOST	deleted in 3.5.28	VARCHAR2	256	Y	Softswitch
STA_CUBE_WEEK_BK	MAX_PDD	deleted in 3.5.28	NUMBER	22	Y	Maximum PDD
STA_CUBE_WEEK_BK	MIN_PDD	deleted in 3.5.28	NUMBER	22	Y	Minimum PDD
STA_CUBE_WEEK_BK	SRC_DIAL_CODE	deleted in 3.5.28	VARCHAR2	256	Y	Client dial code from rates
STA_CUBE_WEEK_BK	SRC_POI_ID	deleted in 3.5.28	NUMBER	22	Y	Client POI ID
STA_CUBE_WEEK_BK	SRC_RATE_LIST	deleted in 3.5.28	VARCHAR2	30	Y	3 sample client rates
STA_CUBE_WEEK_BK	SUM_DST_CHARGE	deleted in 3.5.28	NUMBER	22	Y	Vendor charge
STA_CUBE_WEEK_BK	SUM_DST_DURATION	deleted in 3.5.28	NUMBER	22	Y	Vendor duration, sec
STA_CUBE_WEEK_BK	SUM_DURATION	deleted in 3.5.28	NUMBER	22	Y	Raw duration, sec



Database structure changes

Table	Column	Change	Data type	Data length	Nullable	Comments
STA_CUBE_WEEK_BK	SUM_MARGIN	deleted in 3.5.28	NUMBER	22	Y	Margin
STA_CUBE_WEEK_BK	SUM_SRC_CHARGE	deleted in 3.5.28	NUMBER	22	Y	Client charge
STA_CUBE_WEEK_BK	SUM_SRC_DURATION	deleted in 3.5.28	NUMBER	22	Y	Client duration, sec
STA_RAW	CDR_DST_ANI_DIAL_CODE	created in 3.5.28	VARCHAR2	16	Y	Vendor origin dial code
STA_RAW	CDR_SRC_ANI_DIAL_CODE	created in 3.5.28	VARCHAR2	16	Y	Client origin dial code
STA_RAW_ARCHIVE	CDR_DST_ANI_DIAL_CODE	created in 3.5.28	VARCHAR2	16	Y	Vendor origin dial code
STA_RAW_ARCHIVE	CDR_SRC_ANI_DIAL_CODE	created in 3.5.28	VARCHAR2	16	Y	Client origin dial code
STA_RAW_MERGE_TMP	CDR_DST_ANI_DIAL_CODE	created in 3.5.28	VARCHAR2	16	Y	Vendor origin dial code
STA_RAW_MERGE_TMP	CDR_SRC_ANI_DIAL_CODE	created in 3.5.28	VARCHAR2	16	Y	Client origin dial code



REST API changes

5 REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:black_list	tag_id	deleted in 3.5.28	Get black list	1	type: 1 contact tags. type: 2 black list tags	0	0	integer	query		
GET:black_list	tag_id	changed in 3.5.28	Get black list	1	type: 1 contact tags. type: 2 black list tags	1	1	integer	body	2	
GET:black_list	tag_ids	created in 3.5.28	Get black list	1	List of tag IDs separated by comma	0	0	string	query	2	
POST:black_list	tag_id	created in 3.5.28	Add new record to black list	1	tag ID	0	0	integer	body		
GET:black_list/{id}	first_rec	deleted in 3.5.28	Get specific black list	1	Pagination: first record	0	0	integer	query		



REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
GET:black_list/{id}	rec_count	deleted in 3.5.28	Get specific black list	1	Pagination: maximum number of records	0	0	integer	query		
PUT:black_list/{id}	tag_id	created in 3.5.28	Update specific black list record	1	tag_id	0	0	integer	body		
POST:bulk_send_sms	black_tag_ids	created in 3.5.28	Send array of SMS	0	Black list of tag IDs separated by comma	0	0	string	query		
POST:schedule_sms_sending_from_file	black_tag_ids	created in 3.5.28	Send SMS to multiple phone numbers from file	1	List of tag IDs separated by comma	0	0	string	body		
GET:sms_campaign	black_tag_ids	created in 3.5.28	Get campaign list	1	Black list of tag IDs separated by comma	1	0	string	body	3	



REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
POST:sms_campaign	black_tag_ids	created in 3.5.28	Create new campaign	1	Black list of tag IDs separated by comma	0	0	string	body		
GET:sms_campaign/{id}	black_tag_ids	created in 3.5.28	Get specific campaign	1	Black list of tag IDs separated by comma	1	0	string	body		
PUT:sms_campaign/{id}	black_tag_ids	created in 3.5.28	Update sms campaign	1	Black list of tag IDs separated by comma	0	0	string	body		
GET:tag	is_default	created in 3.5.28	Get tag list	1	is_default	1	0	string	body		
GET:tag	type	created in 3.5.28	Get tag list	1	Type	0	0	integer	body		
POST:tag	is_default	created in 3.5.28	Create new tag	1	is_default	0	0	integer	body		{"type":"boolean"}



REST API changes

Resource	Parameter	Change	Description	Auth required	Parameter descr.	Direction	Param. required	Param. type	Param. in	Order index	Validation json
POST:tag	type	created in 3.5.28	Create new tag	1	type: 1 contact tags. type: 2 black list tags	0	0	string	body	4	
DELETE:tag/{id}	tag_id	created in 3.5.28	Delete specific tag	1	Tag ID	0	0	integer	path		
GET:tag/{id}	first_rec	deleted in 3.5.28	Get specific tag	1	Pagination: first record	0	0	integer	query		
GET:tag/{id}	is_default	created in 3.5.28	Get specific tag	1	is_default	1	0	string	body		
GET:tag/{id}	rec_count	deleted in 3.5.28	Get specific tag	1	Pagination: maximum number of records	0	0	integer	query		
PUT:tag/{id}	is_default	created in 3.5.28	Update specific tag	1	is_default	0	0	integer	body		{"type": "boolean"}
PUT:tag/{id}	type	created in 3.5.28	Update specific tag	1	type: 1 contact tags. type: 2 black list tags	0	0	string	body	4	