

Alaris MNP Server

Release notes

version 2.1.0

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1 What's new

- The *Users* and *Roles* tabs have been added to allow creation of users and management of user roles. By default, the role for accessing interfaces is given to System users only. To be able to create users and manage their roles, contact the Alaris technical support team and provide the name of the user for which you wish to grant the permissions.
 - The *Dipping rules* menu has been renamed to *HLR request rules*.
 - For a vendor of the *hlrlookups* type, the flag *Do not use MCCMNC* was added. When the flag is enabled, only the *hlrResponseCode* value is taken from the vendor's response.
 - For sources of the *mnp* type, the *MNP active DB* and *MNP stage DB* fields have been added to allow specifying the number of the in-memory DB to which the MNP base will be loaded. If a single MNP database is used, it is recommended to leave the values empty. It should be noted that the MNP database loading pre-configuration is performed by the Alaris team.
 - Possibility has been added to create HLR rules for specific product names (for example, *Wholesale*). For this purpose, when creating a rule specify lists *Product type* and *Product names* with the product type (*sms*, *hlr*) and respective names. It should be noted that search for suitable HLR rules has the following prioritization: product ID, product name, sender ID, prefixes.
 - The *Cache only successful responses* field for HLR sources has been replaced by a bar with a choice of options: *Cache all*, *Only successful*, *Only specific*. When *Only specific* is selected, the field for specifying HLR response codes to be cached becomes available.
 - For the HLR source of the *redsms* type, the *Extra fields in response* flag has been added. When enabled, the following logic works: when sending a request to the vendor HLR, *fields=all* is added, using which the vendor returns information on number portability (the field from the vendor response *operator_changed*) and the MCCMNC. The MCC is always defined as 250, and the MNC is taken from the *operator* field and translated using the *MCCMNC translation map* field - for example: `{"\u041c\u0422\u0421": "001"}`
 - Field labeling when creating HLR sources has been improved.
 - The *raw_response* value has been added to the *Response fields* list to proxy the HLR vendor's raw response to clients.
 - The *Status request delay* field has been added for HLR vendors of the *unibell* type to allow specifying forced delay between requests (if not specified, the value of 2 seconds is used).
 - When exporting rules to Excel, the *Choice list* of HLR vendors contained IDs instead of names. Starting with the new version names will be exported.
 - Cloning has been added for HLR request rules.
 - Possibility has been added to use Sender IDs that contain a space or hyphen (for example, *Info SMS*).
 - Support for the *bbix* HLR vendor has been added.
 - Possibility has been added to transfer the full list of queried HLR vendors if the *aux_sources* field is selected in the *Response fields* list when creating/editing a client (the *Clients* interface). Previously, only the final vendor was returned (for example, if the previous vendor did not return the MCCMNC or if the *Reroute and keep MCCMNC* flag was enabled).
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2 Fixed issues

- The internal functions of the HLR module have been improved to avoid memory overflow and leakage.
 - If MNP Server was opened from the admin web interface rather than a separate link, the client products were not available in the filters on the *Clients* and *HLR request rules* tabs. The issue has been corrected.
 - If MNP Server was opened from the admin web interface instead of a separate link, IP address validation was not working correctly. The issue has been fixed.
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