INFOSIM STABLENET®

Release Notes

StableNet® 26 Service Pack 6 (26.0.6)

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Cumulative notes: StableNet® 25 through 26 Service Pack 6

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General Update Notes

Depending on your current installation, it might be necessary to perform manual update steps before, during, or after the update of StableNet®.
Please check the document OP - Update Guide whether this is necessary for you. If you are skipping one or more StableNet® versions during this update, please also check the document for the recommended update path. It might be necessary to install intermediate StableNet versions to update to this version.

StableNet® 26 Service Pack 6

2026-10-16

Improvements

Agent	Improved the root cause analysis of the StableNet® Agent.
Module Controller	Improved the parameter files for the module controller. They are now provided in a more flexible format. See the update guide for more information about this change.
Rich Client GUI, StableNet® Portal, Weather Maps	Improved the visualization of links with high bandwidths in weather maps.
Server, REST API	Improved the StableNet® REST API. Additional job and measurement types are now supported. Related ticket number: Ticket#2026101410000245.
Server, Rich Client GUI, StableNet® Portal	Improved the two-factor authentication. In addition to SHA-512, the hash algorithms SHA-1 and SHA-256 can now be selected for a user in the Rich Client GUI and the StableNet® Portal. This allows using authenticator apps that only support SHA-1, like Microsoft Authenticator.
Server, Vendor Support	Improved backup support for Fortinet devices. Added the SCP backup and restore mode for FortiGate and FortiWiFi. Related ticket number: Ticket#2025041510000015.
Server, Vendor Support	Improved backup support for Aruba devices. Related ticket number: Ticket#2026062510000143.
Server, Vendor Support, Discovery	Improved the vendor support for various Huawei devices, e.g., reading the OS patch version and the port discovery for RTN devices. Related ticket number: Ticket#2026072910000134.
StableNet® Portal, Agent Wizard	Improved the agents view. It is now possible to change the passwords of agents directly in the StableNet® Portal.

Bugfixes

Agent	Fixed several issues in the StableNet® Agent. In rare cases, malformed SNMP trap, NetFlow or syslog packets, failed process starts or certain template calculations could cause the agent to stop or become unresponsive.

Bugfixes	
Rich Client GUI, Measurements	Fixed issue with SNMP trap measurements in the Rich Client GUI. When using SNMP trap templates, the measurements were not displayed correctly.
Server	Fixed issue where reports larger than about 200 MB could not be generated. Related ticket number: Ticket#2026091710000313.
Server, Discovery, Measurements	Fixed issue with SNMP measurements. The SNMPv3 context of measurements was lost during the discovery.
Server, Measurements	Fixed issue with dynamic monitors. In some cases, the limit was not applied correctly for trap measurements.
Server, Measurements	Fixed issue with the SNMP context of measurements. If the SNMPv3 context of a device was changed, existing measurements kept the old context. Measurements now use the context of the device unless a different context is defined for the measurement. See the update guide for more information about this change.
Server, StableNet® Portal, Tagging	Fixed issues in the parsing of TFQL strings. See the update guide for more information about this change.
StableNet® Portal, Templates	Fixed issue when adding default properties to discovery templates using the dedicated properties dialog.

StableNet® 26 Service Pack 5 — 2026-09-09

Improvements

Rich Client GUI, Agent	Improved the password management of the StableNet® Agent. It is now possible to update the agent password in the Rich Client GUI.
Server, REST API	Improved the security of REST API token handling.
Server, Vendor Support, Discovery	Improved vendor support for Aruba devices. The serial number is now discovered correctly.
StableNet® Portal	Improved the performance when searching in tag trees. Related ticket number: Ticket#2026082110000307.

Bugfixes

Agent	Fixed issue with trap measurements. In an HA setup, previously processed traps could lead to a new alarm again after some time.
Rich Client GUI, Analyzer	Fixed issue in the analyzer where SLA markers where not shown correctly. Related ticket number: Ticket#2026080610000247.
Scripts	Fixed issue with the business process script "StableNet® Server Monitoring Script". When the license had no expiration date, the monitor did show no data. Related ticket number: Ticket#2026091610000226.
Server	Fixed several issues with the filtering of open alarms.
Server, NCCM, Templates	Fixed issue in the config templates. The "mode" attribute of the "os-update" element did not support placeholders. Related ticket number: Ticket#2026080510000114.
StableNet® Portal	Fixed issues when modifying devices attributes. In some cases, the available options were incorrect for the default agent and the business hour group.
StableNet® Portal, Dashboards	Fixed issue in the open alarms widget for dashboards. When all alarms were acknowledged, the color of the border surrounding the widget was incorrect. Related ticket number: Ticket#2026080610000201.
StableNet® Portal, Device Backups	Fixed issue in the device backups view. Users without the role "View device configurations (global)" could see the list of available backups. This was not intended. The content of the backups was correctly hidden.
StableNet® Portal, Flow Query	Fixed issue in the flow query. The DSCP values for QoS classes were displayed incorrectly.
StableNet® Portal, Report Jobs	Fixed issue in report jobs. The option to set average period was missing for the analyzer report component. Related ticket number: Ticket#2026091010000264.

StableNet® 26 Service Pack 4 — 2026-08-05

Improvements

Server	Improved the interface status mapping for SNMP in the reachability calculation.
Server	The Java version of StableNet® was updated. StableNet® now uses Java 21.0.12.
Server, Database	Extended the database aggregation by including the table for derived measurement data. See the update guide for more information about this change.
Server, Vendor Support, Discovery	Improved the interface bandwidth calculation for Huawei RTN devices.
Server, Vendor Support, Discovery	Improved the vendor support for Ericsson devices. Added SNMP context support for OSPF and BGP-4.
Server, Vendor Support, NCCM	Added restore support for Teldat devices.
StableNet® Portal, Measurement Wizard	Improved the measurement wizard for SNMP measurements. It is now possible to specify an SNMP context.
StableNet® Portal, Usability	Improved the license handling in the StableNet® Portal. Unlicensed features are now hidden to improve the usability.

Bugfixes

Agent	Fixed issue with special characters in the events logs. Some characters like umlauts were omitted.
Rich Client GUI	Fixed issue in the Rich Client GUI. In rare cases, the GUI became unresponsive due to an internal race condition. Related ticket number: Ticket#2026070110000132.
Rich Client GUI	Fixed issue with the logging in the Rich Client GUI.
Rich Client GUI, Measurements	Fixed issue with IP SLA Jitter voice measurements. The measurements could not be created when a user-defined speech codec was used.
Rich Client GUI, Measurements	Fixed issue with the measurement wizard in the Rich Client GUI. In some cases, the validation did not work correctly and prevented proceeding in the wizard.
Server	Fixed issue with the Kafka measurement data export. Some properties were not applied correctly.
Server, Discovery	Fixed issue with tag filters in the discovery templates. In monitor override elements, filters using the monitor type did not work correctly. See the update guide for more information about this change.

Bugfixes	
Server, Reporting	Fixed issue with the reporting. In some cases, the dynamic charts were missing.
Server, StableNet® Portal	Fixed issue with device geo maps. In some cases, the access to OpenStreetMap was blocked.
Server, Tagging	Fixed issue with user rights checks for inherited tags.
StableNet® Portal	Fixed issue with the interface filtering in the device dashboard. Filtering on the extended name did not work correctly.
StableNet® Portal	Fixed issue when loading huge tag trees. In some cases, an error occurred.
StableNet® Portal, Alarms & Events	Fixed issue in the alarms table. If a user had no access to a root cause alarm, the alarm details dialog did not work correctly for that root cause alarm.
StableNet® Portal, Dashboards, Weather Maps	Fixed issue where weather map nodes were drawn too closely to each other.
StableNet® Portal, Device Dashboard	Fixed issue when modifying device dashboards. In some cases, the validation of the widget settings did not work correctly.
StableNet® Portal, Device Geo Map	Fixed issue in the service geo map for many-to-many services. If custom names for the service groups were used, the visualization did not work correctly.
StableNet® Portal, Job Wizard	Fixed issue in the job wizard when a resource pool was used for the device selection. The preview of the resource pool did not work correctly.
StableNet® Portal, Jobs	Fixed issue when cloning jobs. Passwords in template parameters were not cloned correctly.
StableNet® Portal, Report Jobs	Fixed issue when adding a dynamic analyzer component to a report job. This was only possible if the "netflow" license was available, but it should be independent of that.
StableNet® Portal, Report Wizard	Fixed issue in the report wizard. If the report was based on the user rights of one specific user and that user was deleted, the validation of the wizard step did not work correctly.
StableNet® Portal, Snippets	Fixed issue when creating a NETCONF snippet. In some cases, the validation in the wizard did not work correctly.
StableNet® Portal, Templates	Fixed issue in the properties editor when editing discovery templates. Converting time units did not work correctly in some cases.
StableNet® Portal, Templates	Fixed issue in the templates view. Undo and redo did not work correctly for discovery data templates.

StableNet® 26 Service Pack 3 — 2026-06-26

Improvements

Rich Client GUI, StableNet® Portal, Reporting	Improved the "Inventory Measurement List Table" statistic type in the group analyzer. A new column "last value time" was added. Related ticket number: Ticket#2026050710000134.
Server	Improved the health management. Removed admin relevant entries from the health management of regular users. See the update guide for more information about this change.
Server	Improved backup support for Huawei devices.
Server, Discovery	Improved ARP data discovery. Added support for devices which provide malformed MAC Addresses.
Server, Vendor Support	Added backup support for LANCOM switches. Related ticket number: Ticket#2025101510000021.
Server, Vendor Support	Added backup support for Teldat devices.
Server, Vendor Support, Discovery	Improved vendor support for Huawei. The discovered OS version now also includes the patch version. Related ticket number: Ticket#2026042410000087.
Server, Vendor Support, Discovery	Added vendor support for Patton devices.
StableNet® Portal, Alarms & Events	Improved the alarm context menu. Actions such as "Clear ticket" are only visible to users with the required role.
StableNet® Portal, Analyzer	Improved the analyzer view. A history tab was added that lists all charts and tables that were plotted.
StableNet® Portal, Shortest Path	Improved the shortest path dialog. The pop-up dialogs are now resizable.

Bugfixes

NETCONF Module	Fixed issue with Arista devices. The YANG model download did not work correctly.
Rich Client GUI, StableNet® Portal, Reporting	Fixed issue with the category analyzer. In some cases a memory leak could occur.
Rich Client GUI, StableNet® Portal, Reporting	Fixed issue where a blank sheet was added to Excel reports when using the "Blank" default template. Related ticket number: Ticket#2026062310000085.

Bugfixes	
Scripts	Fixed issue with external keys in the business process script "Oracle ASM Disk Space". The keys are now unique for different database instances. Related ticket number: Ticket#2026042710000063.
Server, Dashboard	Fixed issue with the severity filter for open alarms. For some alarms, the filter did not work correctly.
StableNet® Portal	Fixed issue where the portal became unresponsive when using Ctrl + A in a table.
StableNet® Portal	Fixed issue when changing the tags of an object. In some cases, the changes were not applied correctly.
StableNet® Portal	Fixed issue with the Safari Browser not displaying certain expandable elements, like the SLA markers in the analyzer.
StableNet® Portal, Alarms & Events	Fixed issue with trap and syslog colors. The validity of regex rules was not checked properly.
StableNet® Portal, Dashboards	Fixed issue when defining dashboards in the StableNet® Portal. In some cases, these widgets could not be modified in the Rich Client GUI.
StableNet® Portal, Device Dashboard	Fixed issue when modifying device dashboards. In some cases, the selected template was not displayed correctly in dynamic data chart widgets.
StableNet® Portal, Jobs	Fixed issue with the keyboard shortcut Ctrl + A. In some places, for instance the per device output job results details, it was not possible to select the text using the shortcut.
StableNet® Portal, Measurement Wizard	Fixed issue when creating business process script measurements. The script selection did not work correctly. Related ticket number: Ticket#2026061010000144.
StableNet® Portal, NETCONF Browser	Fixed issue in the NETCONF browser. Text in angle brackets was not displayed correctly.
StableNet® Portal, Report Wizard	Fixed issue in the report wizard. In some cases, the HTML mail settings were not applied correctly.
StableNet® Portal, Reports	Fixed issue in the reports view. In some cases, the time filter was not applied correctly.
StableNet® Portal, Tag Tree Configurations	Fixed issue when loading tag trees. When selecting a different tag tree during loading, the previously selected tree was still displayed.
StableNet® Portal, Templates	Fixed issue in the templates and reports view. When downloading all elements, the selected filters were ignored.
StableNet® Portal, Templates	Fixed issue with incorrect file extension when downloading a template preview.
StableNet® Portal, Weather Maps	Fixed various issues when modifying URL images in weather maps.

StableNet® 26 Service Pack 2 — 2026-05-08

Improvements

Rich Client GUI, StableNet® Portal, Measurements	Improved the usability of the syslog and trap measurement wizards. The option "Use device IP address for trap/syslog source filter" is now enabled and hidden by default. In the vast majority of use cases, this is the intended setting. It is still possible to disable the setting using the "Edit subtree elements" dialog in the Rich Client GUI.
Server, Alarming	Improved the stability of the SSE REST API.
Server, Rich Client GUI	The Java version of StableNet® was updated. StableNet® now uses Java 21.0.11.
Server, Vendor Support	Improved the vendor support for AudioCodes devices. The OS version is now discovered.
StableNet® Portal, Analyzer, Group Analyzer	Improved the usability in the analyzer and group analyzer. All settings regarding filters, sort order and table column order are now defined in the settings panel on the left. The resulting tables do not provide those options anymore.
StableNet® Portal, Analyzer, Group Analyzer	To provide a consistent calculation for the average settings in the analyzer and group analyzer, the average calculation is now done in the server. To display it in the charts, it is recommended to use the default property "Chart info text".
StableNet® Portal, Report Wizard	Improved the report wizard. It is now possible to customize the names of report components.

Bugfixes

Rich Client GUI, Reporting	Fixed issue in the report wizard. In some cases, an error occurred when modifying the report components.
Scripts	Fixed issue with the business process script "Job Result Monitoring Script". The script did not work for Job IDs greater than 65535. Related ticket number: Ticket#2026042810000071.
Server	Fixed issue with the external authentication. In some cases, an error was added to the log file. Related ticket number: Ticket#2026032310000018.
Server, Alarming	Fixed several issues with the root cause calculation.
Server, Alarming	Fixed several issues with the alarm import.
Server, Database	Fixed issue with the database manager tool. The "drop" command now drops all tables including tables from StableNet® external applications.
Server, Discovery	Fixed issue with the discovery. The discovery was not aborted if an invalid vendor was specified.

Bugfixes	
Server, Discovery	Fixed issue with the monitor update in the discovery. In some cases, the monitor grace time was not updated correctly.
Server, Discovery, Database	Fixed issue with the discovery. In some cases, duplicate keys in e.g. the link table caused an exception. Related ticket number: Ticket#2026040810000081.
Server, Installer	Fixed issue with the StableNet® Server installer. If the server certificate is expired, it is now automatically replaced with the Infosim® certificate included in the installer.
Server, Reporting	Fixed issue with the reporting where reports for open alarms did not show the correct data. See the update guide for more information about this change.
Server, Rich Client GUI, Agent, StableNet® Portal, Module Controller	Fixed issue with the StableNet® Agent connection status. The module controller connection is now also included in the agent connection test and the agents overview.
Server, Rich Client GUI, StableNet® Portal	Fixed issue where the open alarm filtering was incorrect. See the update guide for more information about this change.
Server, Rich Client GUI, StableNet® Portal, Reporting	Fixed issue in report jobs. When a report job was modified in the StableNet® Portal, the additional columns based on tag categories were lost.
Server, User Management	Renamed the internal users for module controller and self-monitoring. See the update guide for more information about this change.
Server, Vendor Support, Device Info Commands	Fixed issue with Check Point devices. When executing device info commands a timeout occurred. Related ticket number: Ticket#2025090210000021.
StableNet® Portal	Fixed issue that occurred in various wizards. In some cases, the validation did not work correctly and the wizard could be closed with invalid data.
StableNet® Portal, Analyzer	Fixed issue in the analyzer. Some of the override options were not shown and applied correctly.
StableNet® Portal, Analyzer	Fixed issue in the analyzer. The option to set the trend threshold was missing.
StableNet® Portal, Analyzer	Fixed issue in the analyzer. The chart type "Stacked in/out" was removed. See the update guide for more information about this change.
StableNet® Portal, Analyzer	Fixed issue in the analyzer. SLA markers were not displayed correctly in some cases.
StableNet® Portal, Analyzer	Fixed issue in the analyzer. "Interface bandwidth +/- charts" were not displayed correctly.

Bugfixes	
StableNet® Portal, Analyzer, Group Analyzer, Report Wizard	Fixed issue in the report job wizard, analyzer and group analyzer. In some cases, table filters were not applied correctly.
StableNet® Portal, Dashboards	Fixed various minor issues when creating dashboards.
StableNet® Portal, Database Variables	Fixed issue in the database variable wizard. Testing the database variable did not work correctly and no output was displayed when column names contained dots. Related ticket number: Ticket#2026030310000029.
StableNet® Portal, Device Dashboard	Fixed issue when modifying device dashboards. Changing the base time settings did not work correctly.
StableNet® Portal, Device Geo Map	Fixed issue in the device geo map view. Some map tiles were not displayed correctly.
StableNet® Portal, Device Geo Map	Fixed issue in the device geo map view. In some cases, the alarms and device states were not initialized correctly.
StableNet® Portal, Device Wizard	Fixed issue in the device wizard. When changing the port of the NETCONF settings, the NETCONF password was lost.
StableNet® Portal, Jobs	Fixed issue in the job analyzer. Starting the selected job did not work correctly if the label was left empty.
StableNet® Portal, Report Jobs	Fixed issue where the content of report templates was hard to read in dark mode.
StableNet® Portal, Report Wizard	Fixed various issues when creating and modifying report components in the report wizard.
StableNet® Portal, Resource Pools	Fixed various issues in the undo/redo functionality of the resource pool wizard.
StableNet® Portal, Templates	Fixed issue when uploading templates in the templates view. The validation was not triggered correctly.
StableNet® Portal, Weather Maps	Fixed issue in weather maps. The traffic label for combined links displayed the traffic of one link instead of the sum of all links.

StableNet® 26 Service Pack 1 — 2026-03-04

Improvements

Agent	Improved the StableNet® Agent security. The password policy now also applies to the agent password. See the update guide for more information about this change.
NETCONF Module	Added support for devices with NETCONF version 1.1.
Rich Client GUI, StableNet® Portal, Connectivity	Improved the device connectivity view. It is not necessary to enter the complete device name anymore.
Scripts	The internal organization of business process scripts was reworked. Scripts may have been moved or renamed. See the update guide for more information about this change.
Server	Improved the handling of certificates in the StableNet® Server. It is now possible to update the certificate during runtime. See the update guide for more information about this change.
Server, Database	Improved the StableNet® auto backups. Additional database tables from StableNet® apps, like the StableNet® Wi-Fi Portal, are now also included.
Server, Database Maintenance	The health management was extended. If the full maintenance is overdue, a new health entry is created.
Server, Discovery	Improved the database performance during the discovery. Optimized the handling of discovery audit logs, which may caused high database load.
Server, Discovery, Alarming	Improved the derived rules. It is now possible to check whether a specific number of monitors are in alarm state.
Server, Discovery, Alarming	Improved the derived rules. It is now possible to use replacement parameters for "invert", "operator", and "x" in derived rule definitions. Related ticket number: Ticket#2026013010000017.
Server, Vendor Support, Telemetry	Improved the telemetry measurement support for Juniper Junos OS, Cisco IOS XR and Cisco NX-OS.
StableNet® Portal, Analyzer, Group Analyzer	Improved the design and usability in various parts of the analyzer and group analyzer.
StableNet® Portal, Device Live Data	Improved the design and usability of the device live data view.
StableNet® Portal, Jobs	Improved the design and usability of the job analyzer.

Improvements

StableNet® Portal, Resource Pools	Improved the usability when working with resource pools. If a resource pool is invalid, the table will automatically scroll to the first validation error when the manual validation is triggered.
Telemetry Module	The module's configuration files, including files for Telegraf, have been moved to the module's persistence folder.

Bugfixes

Installer	Fixed issue with the StableNet® Agent installer. The agent user was always reset to "infosim". Related ticket number: Ticket#2026020210000032.
Rich Client GUI, Alarming	Fixed issue when ignoring alarms in the Rich Client GUI. Ignoring symptoms did not work correctly.
Rich Client GUI, StableNet® Portal, Analyzer	Fixed issue with the analyzer in the StableNet® Portal and the Rich Client GUI. Stacked, average, and difference charts did not work correctly.
Scripts	Fixed issue where the "Microsoft Azure Monitoring Script" script was not executed correctly.
Scripts	Fixed several issues with the wireless controller scripts. In some cases, vendor and model information were not applied correctly.
Server	Fixed issue where the StableNet® Server runs into a fatal error after updating to StableNet® 26. Related ticket number: Ticket#2026020410000029.
Server, Discovery	Fixed issue where discovery properties to filter measurements were not applied properly.
Server, Discovery	Fixed issue where it was not possible to create trap & syslog distributor measurements.
Server, Discovery	Fixed issue with the discovery. Metadata like device attributes or modules were lost when using external discovery scripts like the wireless controller scripts.
Server, Discovery, Reporting	Fixed various issues with StableNet® Client Agents in the discovery and the reporting.
Server, Measurements, Tagging	Fixed issue with the attribute tag category "Measurement Type". The tag value was not set correctly. See the update guide for more information about this change.
Server, NCCM	Fixed issue with the "job-device-result" command in template-based configuration jobs. The command did not return the correct result (e.g. the latest backup).
Server, Rich Client GUI, StableNet® Portal	Fixed issue in the license check for vulnerability check jobs. The "policy" license was checked instead of the "vulnerability" license.
StableNet® Portal	Fixed issue in the view rendering. In rare cases, views were not loaded correctly and the page remained empty.

Bugfixes	
StableNet® Portal, Analyzer	Fixed various issues in the analyzer.
StableNet® Portal, Config Generator	Fixed various issues in the projects wizard of the config generator.
StableNet® Portal, Default Properties	Fixed issue with the default property "Session Timeout". It did not have any effect, the session timeout was always one hour.
StableNet® Portal, Device Connectivity	Fixed various minor issues in the device connectivity view.
StableNet® Portal, Device Dashboard	Fixed various minor issues in the device dashboard view.
StableNet® Portal, Device Geo Map	Fixed issue in the device geo map view. The caching did not work correctly in some cases and old data was displayed.
StableNet® Portal, Distribution Servers	Fixed issue in the job distribution. The template preview did not work correctly in some cases.
StableNet® Portal, Dynamic Dashboard	Fixed issue in the guided tour for the dynamic dashboard.
StableNet® Portal, Group Analyzer	Fixed various minor issues in the group analyzer.
StableNet® Portal, Maintained Devices	Fixed various minor issues in the maintained devices view.
StableNet® Portal, Maintenances	Fixed issue when cloning a maintenance. Changing the members while cloning was not possible.
StableNet® Portal, Measurement Wizard	Fixed issue when creating template measurements. The template type filtering did not work correctly.
StableNet® Portal, NETCONF/YANG Manager	Fixed various minor issues in the NETCONF/YANG manager.
StableNet® Portal, Quick Search	Fixed various minor issues in the quick search.
StableNet® Portal, Report Jobs	Fixed various issues in the report wizard.
StableNet® Portal, Reports	Fixed issue in the reports view. The numbers of selected and filtered table rows were incorrect.
StableNet® Portal, Resource Pools	Fixed issue in the regex validation when creating or modifying resource pools.

Bugfixes	
StableNet® Portal, Tag Filters	Fixed various issues when creating or modifying tag filters.
StableNet® Portal, Templates	Fixed issue in the templates view. Cloning templates was not possible.
StableNet® Portal, Templates	Fixed various minor issues in the telemetry template wizard.
StableNet® Portal, Templates	Fixed issue in the templates view. The numbers of selected and filtered table rows were incorrect.
StableNet® Portal, Templates	Fixed various issues in the discovery properties editor used to set default properties while editing discovery templates.
Telemetry Module	Fixed issue with the processing of telemetry data, which resulted in a critical memory error.
Telemetry Module	Fixed issue with the generation of the Telegraf configuration. Certain attribute combinations could result in an invalid configuration file.

StableNet® 26 2026-01-30

New Features

Rich Client GUI, StableNet® Portal	The state inheritance in tag trees is now customizable. See the update guide for more information about this change.
Rich Client GUI, User Management	Added "Two-Factor Authentication" column to users/customers management to show whether it is enabled or disabled for each user. Related ticket number: Ticket#2025061010000057.
Rich Client GUI, Vulnerabilities	Added support for CVSS v4 in the vulnerability definition wizard.
Server, Agent, Discovery	Added automatic self-monitoring for StableNet® Agents. Self-monitoring measurements are now created automatically when adding a new StableNet® Agent to the StableNet® Server.
Server, Alarming, Measurements	Added Apache Kafka export for measurement data and open alarms.
Server, Discovery, Default Properties	Added a new default property "Auto measure Type Filter". It allows filtering for specific technologies for auto measurements like SNMP or Telemetry.
Server, Discovery, Module Controller	Added the module controller discovery. It is now possible to call module controller modules during the discovery process.
Server, Discovery, Telemetry	Added the capability to use the telemetry module during discovery.
Server, Flow Query	Added a new flow reader module. The flow queries are now executed by a module controller module.
Server, NCCM	Added configuration support for AudioCodes devices.
Server, Syslog Query	Added a new syslog reader module. The syslog queries are now executed by a module controller module.
Server, Syslog Query	Added a new secure syslog module. It is now possible to receive secure syslogs processed by the module controller.
Server, Tagging	Added the additional tag category "Monitor No Alarm" to indicate "No alarm" monitors. Related ticket number: Ticket#2025101710000036.
Server, Tagging, User Group Roles	Added a new user group role "View Default Tag Trees (Global)" to hide default tag trees. See the update guide for more information about this change.
Server, User Management	Added a configurable user expiration to automatically set StableNet® users to inactive. See the update guide for more information about this change. Related ticket number: Ticket#2025090310000011.

New Features	
Server, Vendor Support, Discovery	Added vendor support for WISI Tangram video devices.
StableNet® Portal	The trap and syslog color management is now available in the StableNet® Portal.
StableNet® Portal, Analyzer, Usability	The analyzer view was reworked to improve the usability. A lot of issues and inconsistencies were also fixed.
StableNet® Portal, Business Hour Groups	The business hour group management is now available in the StableNet® Portal.
StableNet® Portal, Dashboards	The dashboard management is now available in the StableNet® Portal.
StableNet® Portal, Device Dashboard	The device dashboard is now customizable. Different templates can be defined in the device dashboards view.
StableNet® Portal, Device Domains	The device domain management is now available in the StableNet® Portal.
StableNet® Portal, Distribution Servers	The distribution server view was added. It is part of the job distribution feature, which allows to "copy" jobs to other StableNet® Servers.
StableNet® Portal, Group Analyzer, Usability	The group analyzer view was reworked to improve the usability. A lot of issues and inconsistencies were also fixed.
StableNet® Portal, Measurement Wizard	The measurement wizard for TCP connect measurements is now available in the StableNet® Portal.
StableNet® Portal, Measurement Wizard	A new test feature was added to the measurement wizards. It is now possible to execute the measurement in the wizard to check the current state of the measurement.
StableNet® Portal, Measurement Wizard	The measurement wizard for business process (script) measurements is now available in the StableNet® Portal.
StableNet® Portal, Module Controller	A new module controller view was added. It lists all modules that are available on the module controller and allows uploading new modules.
StableNet® Portal, NETCONF/YANG Manager	The NETCONF browser was added to the StableNet® Portal. It allows connecting to a device and query live data via NETCONF.
StableNet® Portal, Report Wizard	The report job wizard is now available in the StableNet® Portal.
StableNet® Portal, Reports	The report template management is now available in the StableNet® Portal.
StableNet® Portal, Resource Pools	The resource pools management is now available in the StableNet® Portal.

New Features

StableNet® Portal, Templates	A new telemetry template editor was added to the StableNet® Portal.
StableNet® Portal, Trap Filters	The trap and syslog filter management is now available in the StableNet® Portal.
StableNet® Portal, UI Profiles	UI profiles were introduced to the StableNet® Portal. They allow storing and loading UI information per view, for example visible columns in tables.
StableNet® Portal, Usability	The usability of the StableNet® Portal was improved by reworking the color scheme and introducing new and more user-friendly components.
StableNet® Portal, Users/Customers	The user/customers view was reworked to match the design of other management views.

Improvements

Agent	Improved the security for the communication between the StableNet® Agent and the StableNet® Server. See the update guide for more information about this change.
Agent, Database Maintenance, Module Controller	Improved the module controller cleanup. Modules, which are incompatible to the currently running module controller, are removed during the database maintenance.
Rich Client GUI, StableNet® Portal, Analyzer, Reporting	Improved the user feedback for charts that could not be displayed due to insufficient chart size.
Rich Client GUI, StableNet® Portal, Measurements	Improved and unified the measurement properties that can be modified for existing measurements. They are now the same in Rich Client GUI and StableNet® Portal.
Rich Client GUI, Vulnerabilities	Improved the vulnerability definition wizard. Copy and paste functionality was added to the affected versions step.
Server	The application server for StableNet® was updated. StableNet® now uses WildFly 37.0.1.
Server	Improved the validation of MIB file dependencies during import. Related ticket number: Ticket#2026011510000046.
Server, Business Process Scripts	Added support for upcoming Microsoft Azure Health API changes in the "Microsoft Azure Monitoring Script" script.
Server, Database	Improved database performance for action events. This improvement applies only to new installations.
Server, Database	Removed support for MariaDB 10.6. That version will be officially end-of-life in 2026.
Server, Database	Improved the performance of Oracle databases for syslogs and traps. See the update guide for more information about this change.

Improvements	
Server, Database Maintenance	Improved the performance of the database aggregation on Oracle databases.
Server, Discovery, Default Properties	Added new default properties "Auto measure Interface Additional: Context Filter", "Auto measure Interface Topology: Context Filter", "Auto measure QoS Interface Context Filter", and "Management Interface Context Filter" to allow filtering for interface contexts during the discovery. Related ticket number: Ticket#2025101710000018.
Server, Discovery, Measurements	Improved the SNMP auto measurements. OID strings as input values will be displayed as string in the measurement. Related ticket number: Ticket#2025071610000026.
Server, REST API	Improved the security of the REST API by removing support for cross-origin resource sharing.
Server, Rich Client GUI	The Java version of StableNet® was updated. StableNet® now uses Java 21.0.10.
Server, User Group Roles	Improved the naming and the descriptions of the StableNet® user group roles.
Server, Vendor Support, Discovery	Improved vendor support for LANCOM devices. Related ticket number: Ticket#2025101510000021.
Server, Vendor Support, Discovery	Improved the vendor support for Aruba Networks devices. The serial number is now discovered correctly. Related ticket number: Ticket#2025101610000011.
Server, Vendor Support, Discovery	Improved device support for Huawei RTN devices.
StableNet® Portal	The old chart themes were removed. There are now two options available in the user menu: The default colors for the StableNet® Portal and the default colors for the reporting.
StableNet® Portal	Improved the filtering of tables. It is now possible to filter on all columns that are currently visible.
StableNet® Portal, Alarms & Events	Improved the syslog table in the alarms & events view. It is now possible to create a new syslog measurement or a syslog filter based on a received syslog.
StableNet® Portal, Apps, Usability	The external applications view was partly reworked. It is no longer possible to manually add or modify applications. Instead, all supported applications register themselves. Also, the displayed status of the external applications were reworked to improve the usability. The name is now "Apps".
StableNet® Portal, Category Analyzer, Usability	The category analyzer view was reworked to improve the usability.
StableNet® Portal, Dashboards	The default dashboard is no longer taken from the user properties. It is now stored as part of the newly introduced UI profiles.
StableNet® Portal, Default Properties	Improved the default properties view. The explanations for each default properties are now contained directly in the table instead of in a tooltip.

Improvements	
StableNet® Portal, Device Backups, Device Dashboard	Improved the device backups view and the device dashboard view. The device lists in these views now offer a context menu by right-clicking a device.
StableNet® Portal, Device Connectivity	Improved the device connectivity view. It is now possible to export the selected or all rows in the table.
StableNet® Portal, Device Connectivity	Improved the device connectivity view. The search string is now highlighted in the results table.
StableNet® Portal, Device Dashboard	Improved the device dashboard. The column "netmask" was added to the interfaces table.
StableNet® Portal, Device Live Data, Usability	Improved the design and usability of the device live data view.
StableNet® Portal, Files	Improved the files view. It is now possible to create workflow jobs, backup jobs and restore jobs using the respective files.
StableNet® Portal, Generated Config Files	Improved the generated config files view. It is now possible to download multiple files at once.
StableNet® Portal, Inventory Overview	Improved the context menu for devices. It is now possible to create on demand backups of devices. Related ticket number: Ticket#2024091010000053.
StableNet® Portal, Inventory Overview	Improved the export of the devices table. Custom columns added via the default property "Portal Inventory Device List Tag Categories" are now included in the export.
StableNet® Portal, Inventory Overview, Shortest Path	Improved the shortest path dialog. It is now possible to display any measurement of a selected device.
StableNet® Portal, Maintenances	Improved the toolbar in the maintained devices view for a more consistent user experience.
StableNet® Portal, Maintenances	Improved the maintenances view. The "stop & rediscover" option was removed. Because the rediscovery was changed, it did the same as the "stop" option.
StableNet® Portal, Measurement Wizard	Improved the dynamic DNS handling in the measurement wizard. If a device uses dynamic DNS, all its measurements also have to use dynamic DNS. This is now enforced.
StableNet® Portal, Measurement Wizard, Usability	Improved the design and usability of all measurement wizards.
StableNet® Portal, Monitor Wizard	Improved the design and usability of the monitor wizard.

Improvements	
StableNet® Portal, NETCONF/YANG Manager	Improved the user rights check when uploading YANG models. The user group role "View and Modify Global Options (Global)" is now necessary.
StableNet® Portal, NETCONF/YANG Manager	Improved the YANG editor. It is now possible to drag and drop nodes within the data tree.
StableNet® Portal, NETCONF/YANG Manager	Improved the YANG editor. It is now possible to copy and paste nodes from the schema tree to the data tree.
StableNet® Portal, NETCONF/YANG Manager	Improved the YANG editor. It now checks if a YANG model is still used in the data tree before it is removed.
StableNet® Portal, Reports	Improved the design and usability of the reports view and the report jobs view.
StableNet® Portal, Shortest Path	Improved the shortest path dialog. The device context menu is now available for displayed devices.
StableNet® Portal, Status Matrix, Usability	The status matrix view was reworked to improve the usability.
StableNet® Portal, Syslog Query, Usability	Improved the usability of the syslog query view.
StableNet® Portal, Tag Categories	Improved the tag categories view. It is now possible to upload and download tag categories.
StableNet® Portal, Tag Filters	Improved the tag filters view. It is now possible to upload and download tag filters.
StableNet® Portal, Tag Filters	Improved the usability when defining tag filters outside the tag filter view. It is now possible to save any tag filter for later usage using the "Save as" button.
StableNet® Portal, Tag Tree Configurations	The automatic refresh settings for tag trees were simplified and the automatic refresh of tag trees is now enabled in the StableNet® Portal.
StableNet® Portal, Tag Tree Configurations	Improved the tag tree configurations view. It is now possible to upload and download tag tree configurations.
StableNet® Portal, Taggables	Improved the taggables view. It is now possible to delete most taggable objects. Interfaces and modules cannot be deleted individually because they are closely related to devices.
StableNet® Portal, Template Editor	The template editor was removed from the StableNet® Portal. All the functionality is now available in the templates view. See the update guide for more information about this change.

Improvements	
StableNet® Portal, Templates	Improved the templates view. It is now possible to upload and download multiple templates at the same time.
StableNet® Portal, Usability	Improved device icons used in various places throughout the StableNet® Portal. More modern and easier to recognize SVG icons are now used instead of PNG icons.
StableNet® Portal, Usability	Improved the wording in the StableNet® Portal. All texts now use sentence casing, which leads to a more consistent user experience.
StableNet® Portal, Usability	Improved various context menus to improve the usability.
StableNet® Portal, Usability	Improved the usability when deleting elements in tables and tag trees. It is now possible to perform this operation using the "delete" key.
StableNet® Portal, Usability	Improved the table filter for tables that contain taggable objects. It is now possible to filter using the tag filter query language.
StableNet® Portal, Usability	Improved the usability when managing tags.
StableNet® Portal, Usability	Improved the design and usability of various components throughout the StableNet® Portal.
StableNet® Portal, Vendor & Model Mappings	Improved the vendor & model mappings for users without modify rights. Previously those users could not access this view. Now it is also available in a read-only mode.
StableNet® Portal, Weather Maps	Improved the toolbar in the weather maps view for a more consistent user experience.

Bugfixes	
Agent	Fixed issue where large syslogs and traps could not be processed correctly by the StableNet® Agent.
Rich Client GUI	Fixed issue with the default syslog and trap filters. See the update guide for more information about this change.
Rich Client GUI, Measurements	Fixed issue where an error message was displayed when creating a business process (script) measurement.
Rich Client GUI, Measurements	Fixed issue with the manual execution of business process scripts in the Rich Client GUI. The script could not be executed when the backup agent was active in a HA setup.
Rich Client GUI, StableNet® Portal	Fixed inconsistencies with monitor states in different places. Now all states are displayed correctly in every view.
Scripts	Fixed issue where the inputs of the business process script "Microsoft Office 365 OneDrive Monitoring Script" could not be parsed correctly.

Bugfixes	
Scripts	Fixed issue in the business process script "StableNet® Server Monitoring Script". The script could not be executed correctly if the StableNet® license has no expiration date.
Server, Device	Fixed issue in the network service analyzer. In some cases, an exception occurred for IP multicast devices.
Server, Discovery	Fixed issue with the service discovery that always took over 10 seconds per device.
Server, NCCM	Fixed issue with CLI based config jobs for Cisco IOS XR devices. Now an "end" command is used instead of an "exit" command. See the update guide for more information about this change.
Server, NETCONF, YANG	Fixed issue with the YANG model parsing. YANG models with "anyxml" elements could not be parsed correctly.
Server, REST API	Fixed issue with the open alarms in the REST API. The state attribute was not set correctly.
Server, Resource Management	Fixed issue when deleting resource pools. It was not checked sufficiently if the resource pool was still in use.
Server, StableNet® Portal	Fixed issue with the StableNet® Server log. In some cases, the server log could not be displayed.
Server, Tagging	Fixed issue when modifying or deleting tag tree configurations. The wrong user group role "Create Tag Tree Configuration (Global)" was checked instead of the role "Modify Tag Tree Configurations (Global)".
Server, Tagging	Fixed issue with tag categories. It was possible to create tag categories with only numeric values.
StableNet® Portal	Fixed issue when deleting tag categories. A category could not be deleted when at least one corresponding value was present on a taggable. Now the associated values are deleted alongside the category itself.
StableNet® Portal	Fixed issue in tag trees. The keyboard support for the navigation did not work correctly.
StableNet® Portal	Fixed issue with missing tag filters. If an object (e.g. a job) used a reference filter that no longer existed, the filter was not marked as such.
StableNet® Portal	Fixed issue in the date formatting. The date format was not configurable, now the default property "Default Date Format" is used to format dates.
StableNet® Portal	Fixed issues when deleting objects. In some cases, the preview what can be deleted was not entirely correct.
StableNet® Portal	Fixed issue for status distributor measurements. Their type was incorrectly displayed as "Syslog" or "SNMP trap". Now, they are correctly displayed as "Status distributor (syslog)" or "Status distributor (SNMP trap)".
StableNet® Portal	Fixed issue with the Angular service worker. It was incorrectly triggered for servlet URLs. Related ticket number: Ticket#2026012310000049.

Bugfixes	
StableNet® Portal	Fixed issues in the view caching. Some settings were lost when leaving a view and returning to it.
StableNet® Portal	Fixed various minor issues related to user rights checks.
StableNet® Portal, Alarms & Events	Fixed various issues when exporting the alarms table.
StableNet® Portal, Device Connectivity	Fixed issue in the device connectivity view. The search did not work correctly if the search term contained a white space.
StableNet® Portal, Device Dashboard	Fixed issue in the neighborhood tab of the device dashboard. Sometimes links were drawn on top of each other.
StableNet® Portal, Device Dashboard, Group Analyzer	Fixed indentation issues when a module hierarchy was displayed in the group analyzer or the device dashboard.
StableNet® Portal, Device Wizard	Fixed issue in the device wizard. The option to automatically add default measurements was removed as it did not have any effect.
StableNet® Portal, Device Wizard	Fixed issue in the device wizard. The displayed default values for the discovery parameters were incorrect. They reflected the default values of a new installation, not the current values of the default properties.
StableNet® Portal, Device Wizard, Inventory Overview	Fixed issue when modifying devices. Some device properties and measurements of that device were not updated correctly.
StableNet® Portal, Documentation	Fixed issue where videos embedded in the documentation showed an error instead of a video preview.
StableNet® Portal, Flow Query	Fixed issue in the flow query view. The agent selection showed high availability agents that were in standby mode.
StableNet® Portal, Group Analyzer	Fixed issue in the group analyzer. Adding additional tag-based columns did not work correctly if the tag category contained non-Latin-1 characters.
StableNet® Portal, Job Wizard	Fixed issue in the job wizard. Setting the maximum parallel executions and the maximum execution time did not work correctly in some cases.
StableNet® Portal, Measurement Wizard	Fixed issue with the measurement wizard. Status distributor (syslog) measurements are not supported in the StableNet® Portal yet, but the measurement wizard could be opened.
StableNet® Portal, Measurement Wizard	Fixed issues in the measurement wizard for ping measurements. Some use cases were not supported, for example creating ping measurements with a custom IP address or a custom DNS name.
StableNet® Portal, NETCONF/YANG Manager	Fixed issue in the NETCONF/YANG manager. It was possible for any user to delete YANG models. Now the user group role "Modify Global Options (Global)" is necessary to perform that action.

Bugfixes	
StableNet® Portal, Server Log	Fixed issue in the server log view. If the time zone of the server was different from the time zone of the client, the times in the server log were displayed incorrectly.
StableNet® Portal, Tag Categories	Fixed issue in the tag categories view. If a tag value contained special characters, the "Show usage" option caused an error.
StableNet® Portal, Templates	Fixed issue in the templates view. The lifecycle filtering did not work correctly in some cases.
StableNet® Portal, YANG	Fixed issue where some YANG models could not be displayed correctly.

StableNet® 25 Service Pack 5 — 2025-11-20

New Features

Server	Added support for the StableNet® Server certificate update to the database manager.

Improvements

Agent	Improved the agent repository. It is now possible to sync the "ticketd.tag.filter.csv" file to different StableNet® Agents.
Server	Improved the handling of the DRG monitor limit. The maximum number of allowed DRG monitors is now equal to the number of licensed measurements.
Server, Database	Improved the automatic database self monitoring to detect transaction issues.
Server, Database	Added support for MariaDB 11.8 and Oracle 21c.
Server, Database Maintenance	The health management was extended. Health entries are now created for database aggregation issues during the database maintenance.
Server, Database, Performance Improvement	Improved the database importer performance by optimizing the data verification.
Server, Discovery	Improved the auto link and auto measurement performance during the discovery.
Server, Discovery	Improved the performance for auto-linking during the discovery by enhancing parallelization.
Server, Jobs	Extended the control characters for CLI based configuration jobs. Additional control characters were added, e.g. one that causes a one-second delay. Related ticket number: Ticket#2025072310000012.
Server, Rich Client GUI	The Java version of StableNet® was updated. StableNet® now uses Java 21.0.8.
Server, Vendor Support, Discovery	Improved vendor support for Apple devices.

Bugfixes

Agent	Fixed issue with the StableNet® Agent. In an HA setup, all StableNet® Agents were restarted after updating the license. Now, first the standby agents will be updated and the other agents will be updated afterward. Related ticket number: Ticket#2025080610000016.
Agent	Fixed issue in the StableNet® Agent. In some cases, the StableNet® Agent could crash if invalid SNMPv3 traps were received.

Bugfixes	
Rich Client GUI	Fixed issue with the user role check for the StableNet® Agent update in the Rich Client GUI. Now the role "Allow Server Administration (Global)" is mandatory.
Rich Client GUI, Dashboard	Fixed issue in the dashboards. In some cases, an error was displayed. Related ticket number: Ticket#2025082610000041.
Rich Client GUI, Default Properties	Fixed issue with the default date format. When the default property "Default Date Format" was changed, the date values were not updated correctly. Related ticket number: Ticket#2025081110000033.
Rich Client GUI, StableNet® Portal	Fixed issue with the network service analyzer. The graph was not displayed correctly for Alcatel TiMetra devices.
Rich Client GUI, StableNet® Portal, Analyzer	Fixed issue when opening the analyzer for a monitor. An incorrect chart type was shown initially. Related ticket number: Ticket#2025081110000015, Ticket#2025081110000024.
Rich Client GUI, StableNet® Portal, Analyzer	Fixed issue in the group analyzer. The formatting of the line numbers was incorrect in some cases.
Server	Fixed issue where syslog and trap counts and rates were not calculated correctly. Related ticket number: Ticket#2025092210000038.
Server, Discovery	Fixed issue in the discovery job results for the simulated deletion of measurements. In some cases this information was incorrect.
Server, Discovery	Fixed issue with duplicate external measurements when monitoring a cluster environment.
Server, Discovery, Database Maintenance	Fixed issue with the execution of Discovery Jobs during the database maintenance which could lead to duplicated devices and measurements. Related ticket number: Ticket#2025041610000031.
Server, Installer	Fixed issue in the system requirements check in the StableNet® Agent installer and StableNet® Server. Several system requirements were not checked correctly. Related ticket number: Ticket#2025071110000035.
Server, Measurements	Fixed issue with the measurement data calculation. In very rare cases, gaps in measurement data could lead to wrong value calculations. Related ticket number: Ticket#2024091010000035.
Server, Reporting	Fixed issue in the interface reports. In some cases, unicast and non-unicast KPIs were mixed.
Server, Rich Client GUI, Reporting	Fixed issue with the "Monitor Availability DNA" report type, where "No Data (Ok)" and "No Data (Error)" states were not displayed correctly.
Server, Tagging	Fixed issue with tag filters. When deleting a tag filter, the usage of the filter was not checked correctly
Server, Templates	Fixed issue where empty CSV templates caused an error when using an Oracle database.

Bugfixes	
StableNet® Portal, Analyzer	Fixed issue in the group analyzer. The order of additional tag categories was incorrect.
StableNet® Portal, Device Backups, Device Info Commands	Fixed issue in the device backups view. In rare cases, backups were not displayed if the tree was used for the device selection. Related ticket number: Ticket#2025091110000022.
StableNet® Portal, Device Wizard	Fixed issue in the device wizard. It was not possible to change the device icon.
StableNet® Portal, Global Variable Stores	Fixed issue in the wizard for global variable stores. The user selection existed twice.
StableNet® Portal, Job Wizard	Fixed issue in the Job Wizard for Workflow Jobs. The info button for the selected workflow script was always disabled.
StableNet® Portal, Job Wizard	Fixed issue with missing database variables. If a job used a database variable that no longer existed, the job was not marked as invalid.
StableNet® Portal, Jobs	Fixed issue were changes in the default properties were not recognized by the StableNet® Portal.
StableNet® Portal, Maintenances	Fixed issue in the maintenance wizard. In rare cases, changing the measurement interval could cause an error.
StableNet® Portal, Report Jobs	Fixed issue in the report jobs view. Generating a report on-demand did not work correctly.
StableNet® Portal, Templates	Fixed issue in the templates view. In rare cases, not all templates were displayed.
StableNet® Portal, Templates	Fixed issue when cloning a telemetry template. The description was not cloned correctly.
StableNet® Portal, Users/Customers	Fixed issue when creating a tokenized servlet URL in the users/customers view. It was not possible to tokenize a URL for the "FileTransferServlet" and the "JobResultServlet".

StableNet® 25 Service Pack 4 — 2025-07-21

Improvements

Server, Database	Removed support for MariaDB 10.5. That version is officially end-of-life.

Bugfixes

Rich Client GUI, Device Info Commands	Fixed issue with the on-demand execution of Device Info Commands. The device was not selected automatically in the dialog. Related ticket number: Ticket#2025070110000018.
Rich Client GUI, Maintenances	Fixed issue where it was possible to change the measurement interval for an already started maintenance.
Rich Client GUI, NCCM	Fixed issue in the Policy Check Analyzer. The content was not displayed correctly.
Rich Client GUI, Reporting	Fixed issue in the Reporting theme. The generated reports were not sorted correctly.
Rich Client GUI, StableNet® Portal	Fixed issue in the display of floating point numbers, e.g. in the Monitor Wizard. Very small values were displayed incorrectly in some cases. Related ticket number: Ticket#2025042510000051.
Rich Client GUI, StableNet® Portal	Fixed issue in the traceroute dialog. In rare cases, an exception could occur.
Rich Client GUI, StableNet® Portal, Maintenances	Fixed issue when defining maintenances. When choosing the "Override Measurement Interval" option, the available range for the measurement interval was incorrect.
Rich Client GUI, Templates	Fixed issue when importing Cisco ACI Live Templates. The validation did not work correctly.
Server	Fixed issue with the logging in the StableNet® Server. Log messages may have been overwritten if the server was restarted several times a day.
Server, Database Maintenance	Fixed issue with the database aggregation. In very rare cases, the database aggregation failed for large database sizes.
Server, Vendor Support	Fixed issue with backups for Cisco IOS XR devices. Backup and restore did not work since IOS XR version 24.
StableNet® Portal	Fixed issue in the traceroute dialog. It was only possible to use IP addresses as the target. Now it is also possible to use host names.
StableNet® Portal	Fixed issue when filtering tables. Single quotes were not escaped correctly.

Bugfixes	
StableNet® Portal, Device Dashboard	Fixed issue in the neighborhood tab of the Device Dashboard. The node and link filters were reset when the neighborhood level changed.
StableNet® Portal, Group Analyzer	Fixed issue in the Group Analyzer. Values larger than 1000 were missing in some cases.
StableNet® Portal, Measurement Wizard	Fixed issue in the Measurement Wizard. If a device had no interfaces, the ping measurement of that devices was displayed incorrectly and could not be modified.

StableNet® 25 Service Pack 3 — 2025-07-03

Improvements

Rich Client GUI	Improved the measurement modification in the Rich Client GUI. Some measurement settings cannot be modified anymore to be consistent with the StableNet® Portal.
Scripts	Improved the Business Process Script "Agent Performance Script". Additional KPIs were added to monitor system resource shortages.
Server, Database	Improved the database performance when reading action data, log entries, syslogs and traps.
Server, REST API	Added support for updating alarm groups via the REST API. Related ticket number: Ticket#2025041510000033.
Server, Reporting	Added the two new report types "Inventory Device Backup License Table" and "Inventory Device Config License Table" for license checks.
Server, Reporting	Added multiple new report types to "Audit Reports" for different import statistics.
Server, Rich Client GUI	The Java version of StableNet® was updated. StableNet® now uses Java 21.0.7.
Server, Vendor Support, Discovery	Improved vendor support for ECI Telecom and Theo Benning.
Server, Vendor Support, Discovery	Improved vendor support for AudioCodes devices.
StableNet® Portal, Alarms & Events	Improved the usability of the alarms & events view. Selecting an action event no longer filters the action events table.
StableNet® Portal, Device Dashboard	Improved the Device Dashboard view. It is now possible to export the discovery log data.
StableNet® Portal, Inventory Overview	Improved the context menu for devices. It is now possible to open an SSH/Telnet connection to the device. It uses the default SSH client on the client system.
StableNet® Portal, Maintenances	Improved the creation of maintenances. The default tag tree for the measurement selection is now the "Default Measurement Tree".
StableNet® Portal, Quick Search	A new view role was added, which allows hiding the quick search functionality.

Bugfixes

Agent	Fixed issue with syslogs and traps. If duplicated IP Addresses occurred in different devices, syslogs and traps could be assigned to the wrong device.

Bugfixes	
Agent	Fixed issue with the StableNet® Agent shutdown on Windows. A system reboot was not detected correctly.
Agent, Alarming	Fixed issue with the alarming in the StableNet® Agent. IP Addresses of devices were not provided correctly in e.g. Alarm Groups.
Installer	Fixed issue with StableNet® Agent Installer. In some cases, the wrong user was set for agent execution.
Rich Client GUI	Fixed issue in the Rich Client GUI. Newly created tag categories were not synced correctly between different GUI instances.
Rich Client GUI	Fixed issue in the validation of measurement and job parameters in the Rich Client GUI. Input fields for IP addresses were not validated correctly.
Rich Client GUI, Analyzer	Fixed issue with the Analyzer in the Rich Client GUI. In some cases, the axis labels were not displayed correctly. Related ticket number: Ticket#2025052210000027.
Rich Client GUI, Analyzer	Fixed issues with the role check in the Group Analyzer. In some cases, users without rights could view job results. Related ticket number: Ticket#2025052810000043.
Rich Client GUI, Maintenances	Fixed issue with maintenances in the Rich Client GUI. It was not possible to modify an active maintenance. Related ticket number: Ticket#2025041510000042.
Rich Client GUI, StableNet® Portal, Templates	Fixed issue with the input field validation for templates. Mandatory template inputs were not checked correctly.
Scripts	Fixed issue with the Business Process Scripts for wireless controllers. An error occurred during the script execution.
Server	Fixed issue with Business Process Script measurement executions. Relative values in the script output were not displayed correctly.
Server	Fixed issue with FTP connections. FTP error messages were not displayed correctly.
Server, Discovery	Fixed issue where the "Device System Name" and "SNMP Name" attributes were not set correctly after a discovery or a StableNet® Server restart.
Server, Discovery, Connectivity	Fixed issue with OLSR links. In some cases, duplicate links were generated. Related ticket number: Ticket#2025041010000015.
Server, Reporting	Fixed issue with Excel reports. When using the report type "Inventory No SNMP Support Table", an error occurred.
Server, Reporting	Fixed issue with the Reporting. The report generation was aborted after 30 minutes.
Server, Reporting	Fixed issue in the "Importer Data Table" report. The "Agent Read Time" included the time to update the commit statistics in the database. That time is now correctly added to the "DB Update Time". The "Agent Read Time" correctly measures the time to read all data from the StableNet® Agent.

Bugfixes	
Server, Rich Client GUI	Fixed issue with the Attribute Tag "Monitor Alarm Groups" for monitors. The tag value was not set correctly if multiple Alarm Groups were assigned to the monitor.
StableNet® Portal	Fixed issue when modifying device attributes. If the system contained more than ten device domains, not all device domains were available for selection.
StableNet® Portal	Fixed issue with some icons in the dark mode. The icons had the wrong colors.
StableNet® Portal	Fixed issue in tag trees. Opening the context menu did not work correctly if the tag tree contained too many elements.
StableNet® Portal, Device Dashboard, Jobs	Fixed issue in the Job Analyzer and the Device Dashboard. The tables for job results and discovery audit events could not be filtered or sorted by the "Object Type" or the "Object ID".
StableNet® Portal, Group Analyzer	Fixed issue in the Group Analyzer. The element counts in the legend were displayed twice for pie charts.
StableNet® Portal, Group Analyzer	Fixed issue in the Group Analyzer. In some cases, table cell were underlined, but they were not clickable.
StableNet® Portal, Job Wizard	Fixed issue when creating Template-Based Configuration Jobs or NETCONF Jobs. The default value of boolean inputs (defined in the template) was not set correctly in the Job Wizard.
StableNet® Portal, Job Wizard	Fixed issue in the Job Wizard. Template inputs were not reset correctly when the device selection changed.
StableNet® Portal, Jobs	Fixed issue in the jobs view. The job results were only available for users that had the user group role to create jobs of the respective type or users that had the user group role to deploy jobs. Now, all users that have access to a job also have access to its job results.
StableNet® Portal, Measurement Wizard	Fixed issue in the Measurement Wizard for Syslog Measurements. If the syslog stateful type was set to "Stateless", the down expression and the up expression input fields were incorrectly disabled.
StableNet® Portal, Measurement Wizard	Fixed issue when creating or modifying Ping Measurements. The ping expert options were not displayed correctly.
StableNet® Portal, Monitor Wizard	Fixed issue in the Monitor Wizard. Entering thresholds starting with "0" did not work correctly.
StableNet® Portal, Template Editor, Template Manager	Fixed issue in the Template Manager and Template Editor. The validation for Discovery Data Templates did not work correctly in some cases.
StableNet® Portal, Template Editor, Template Manager	Fixed issue in the template inputs analyzer. If missing inputs were added and unused inputs were removed at the same time, the unused inputs were not actually removed.

Bugfixes	
StableNet® Portal, Template Editor, Template Manager	Fixed issue in the template inputs analyzer. Removing unused inputs that did not have an ID caused an error.
StableNet® Portal, Weather Maps	Fixed issue when changing the referenced element of a Weather Map node. In some cases, no elements were available for selection.

StableNet® 25 Service Pack 2 — 2025-04-16

Improvements

Agent	Improved the internal configuration persistence of the StableNet® Agent.
Server, Agent	Improved the Agent failover detection on HA systems. Agent failovers are detected much faster now.
Server, Discovery	Improved Discovery Templates. It is now possible to set values for inputs of external templates.
Server, Reporting	Improved the order of dynamic chart elements in reports. Related ticket number: Ticket#2025021710000015.
Server, Rich Client GUI	Added a unit scale conversion for Ampere, Volts and Watts in Analyzer charts.
Server, Vendor Support, Discovery	Improved the vendor support for Alcatel TiMetra. The operating system and model of IXR-D4 and IXR-D5 devices are now discovered. Related ticket number: Ticket#2025012410000049.
Server, Vendor Support, Discovery	Added device support for Frequentis T1, FXO and FXS devices.
Server, Vendor Support, Discovery	Improved the mapping between service measurements and interfaces for Frequentis devices.
Server, Vendor Support, Discovery	Improved the vendor support for Iskratel devices. The shelf ID is stored in the new predefined tag category "Device Level 0".
StableNet® Portal, Agent Wizard	Improved the creation of StableNet® Agents. The Agent wizard is now closed immediately and a toast message is displayed when the creation is finished.
StableNet® Portal, Alarms & Events	Improved the alarms & events view. The default refresh interval for traps and syslogs is now one minute.
StableNet® Portal, Alarms & Events	Improved the alarms & events view. The optional columns "Agent Name" and "Agent ID" were added to the tables for traps and syslogs.
StableNet® Portal, Analyzer	Improved the override options in the Analyzer. It is now possible to override the graph scaling options.
StableNet® Portal, Category Analyzer	Improved the Category Analyzer view. The legend was extended to include the percentage distribution of the monitor states.
StableNet® Portal, Device Dashboard	Improved the modules table in the Device Dashboard view. The column "interface" was added.
StableNet® Portal, Device Dashboard	Improved the interfaces table in the Device Dashboard view. The columns "Obid", "Context" and "Port" were added and sorting/filtering was enabled for all columns.

Improvements

StableNet® Portal, Device Wizard	Improved the creation of devices. The device wizard is now closed immediately and a toast message is displayed when the creation is finished.
StableNet® Portal, Usability	Improved the usability regarding toast messages. Success and info messages are now displayed in the bottom left corner. Error and warning messages are still displayed in the top right corner.

Bugfixes

Rich Client GUI	Fixed issue with business process scripts. In some cases, the script version was not displayed correctly.
Rich Client GUI	Fixed issue in the Rich Client GUI. If it ran for a long time, an out of memory error could occur. Related ticket number: Ticket#2025032610000014.
Rich Client GUI, Agent, StableNet® Portal	Fixed issue in the Agents view. The last action and data commits were not displayed correctly in some cases. See the update guide for more information about this change. Related ticket number: Ticket#2025030310000012.
Rich Client GUI, Analyzer	Fixed issue with generated links in the Analyzer. The timezone was not set correctly. Also included in versions: 24 SP9
Rich Client GUI, Maintenances	Fixed issue when modifying maintenances. It was possible to change the maintenance mode of an active maintenance.
Rich Client GUI, Measurements	Fixed issue with script and template measurements. For users without modify rights, the measurement parameters were not displayed correctly.
Rich Client GUI, StableNet® Portal	Fixed several issues where the maximum allowed length of user input was not validated correctly.
Rich Client GUI, StableNet® Portal	Fixed issue when modifying a monitor. The "Last Modified" timestamp was not updated correctly.
Server, Database	Fixed issue with the database aggregation. In some cases, the aggregation did not work for MariaDB databases.
Server, Database Maintenance	Fixed issue with VLAN mappings. For specific Cisco devices, the mapping data caused a very large database table. Related ticket number: Ticket#2025011010000011. Also included in versions: 24 SP9
Server, Database Maintenance	Fixed issue with the measurement data aggregation. If an error occurred during the aggregation, data could be lost.
Server, Database Maintenance	Fixed issue with the logging during a database maintenance. With MariaDB databases, false positive error messages were displayed in the server log file.
Server, Discovery	Fixed issue with the system location parsing during the device discovery.

Bugfixes	
Server, Jobs	Fixed issue when executing jobs on Cisco devices. In very rare cases, the job got stuck in an endless loop and caused high load on the StableNet® Server. Related ticket number: Ticket#2025032410000018.
Server, Jobs	Fixed issue with the service database import Workflow Job. An error occurred for devices with an empty name. Related ticket number: Ticket#2025032810000029.
Server, Measurements	Fixed issue with monitor severities. In very rare cases, a wrong monitor severity was displayed.
Server, REST API	Fixed issue with missing user right checks in the REST API for some endpoints.
Server, StableNet® Portal	Fixed issue in the Network Service Analyzer. When a network device has no neighbor entries, an error occurred in some cases.
StableNet® Portal	Fixed issue with the Tag Filter upload. It was not possible to upload Tag Filters with empty descriptions.
StableNet® Portal	Fixed issue in the Template Editor. An error occurred if the "info" element contained more than 255 characters. Related ticket number: Ticket#2025040810000038.
StableNet® Portal, Alarms & Events	Fixed issue in the alarm details dialog. The symptoms of multi dependency alarms were not displayed correctly.
StableNet® Portal, Analyzer	Fixed issue when defining start and stop times. The quick selections like "last hour" did not work correctly in some cases.
StableNet® Portal, Analyzer	Fixed issue with quantile and trend charts. Too many legend entries were displayed below the graph and too many values were displayed when hovering over the graph. Related ticket number: Ticket#2025031710000013.
StableNet® Portal, Default Properties	Fixed issue in the default properties view. In rare cases, discarding unsaved changes did not work correctly.
StableNet® Portal, Default Properties, Device Wizard	Fixed issue when creating a new device. In some cases, the relevant default properties for the device creation were not applied correctly to the device wizard.
StableNet® Portal, Device Connectivity	Fixed issue in the device connectivity view. In rare cases, no data was displayed due to an internal error.
StableNet® Portal, Device Dashboard	Fixed issue in the Device Dashboard view. In some columns, unknown values were incorrectly shown as "0 B". Now the respective table cells are empty.
StableNet® Portal, Device Dashboard	Fixed issue in the open alarms table in the Device Dashboard view. The alarm symptoms were not displayed.
StableNet® Portal, Device Geo Map	Fixed issue when jumping from a device to the Device Geo Map. The Alarms Geo Map was displayed instead of the Device Geo Map.

Bugfixes	
StableNet® Portal, Device Geo Map	Fixed issue in the Device Geo Map view. The quick filters at the bottom of the map were displayed incorrectly if acknowledged alarms were hidden in the map.
StableNet® Portal, Device Wizard	Fixed issue in the device wizard. In the Agent selection, it was possible to select standby Agents. This is no longer the case.
StableNet® Portal, Flow Query	Fixed issue in the Flow Query view. The device selection was restricted based on the selected Agent. That is no longer the case.
StableNet® Portal, Flow Query	Fixed issue in the Flow Query view. If the "Statistic Flow Late Arrival Time" in the default properties was set to 0, plotting flow data did not work correctly because it was not possible to set the time chart interval to 0. The restrictions for the time chart interval were removed.
StableNet® Portal, Group Analyzer	Fixed issue in the Group Analyzer. Exporting tables did not work correctly.
StableNet® Portal, Inventory Overview	Fixed issue in the trace route dialog. The data displayed in the table was not correct.
StableNet® Portal, Job Wizard	Fixed issue when creating or modifying a Workflow Job. The validation of password fields did not work correctly.
StableNet® Portal, Job Wizard	Fixed issue when modifying template-based jobs. Password template parameters were not stored correctly during the modification of the job.
StableNet® Portal, Job Wizard	Fixed issue in the job wizard if a resource pool was used for the device selection. The filter preview did not show any devices.
StableNet® Portal, Job Wizard	Fixed issue when modifying a job. Even if a stop date was defined for the job, the "Infinite Execution" option was always selected when opening the job wizard.
StableNet® Portal, Maintenances	Fixed issue when creating a new maintenance. In the measurement selection step, the affected measurements were not displayed correctly.
StableNet® Portal, Measurement Wizard	Fixed issue when creating a new interface measurement. It was not possible to create measurements for interfaces without IP addresses.
StableNet® Portal, Measurement Wizard	Fixed issue in the wizard for processor measurements. The selected processor was not displayed correctly.
StableNet® Portal, NETCONF/YANG Manager	Fixed issue when creating or modifying a NETCONF Snippet. Adding a leaf node to the data tree using the button caused an error.
StableNet® Portal, Tag Filters	Fixed issue in the table search. Filtering for state names did not work correctly.
StableNet® Portal, Tag Tree Configurations	Fixed issue when creating or modifying tag tree configurations. If a tag domain was added or removed in the tree structure step, the settings in the element names step were reset.

Bugfixes	
StableNet® Portal, Template Manager	Fixed issue in the Template Manager. The wrong role was checked for the modification of telemetry templates. The role "Modify Config Job Templates (Global)" was check instead of the role "Modify Measurement Templates (Global)".
StableNet® Portal, Template Manager	Fixed issue when creating a new template in the Template Manager. Duplicate template names were not handled correctly.

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Improvements

Rich Client GUI, Performance Improvement	Improved the performance during the start of the Rich Client GUI. Also included in versions: 24 SP8
Server, Database Variables, Templates	Improved the placeholder analysis. Placeholders inside of Database Variables are also included now.
Server, Database, Performance Improvement	Improved the database maintenance performance.
Server, Jobs, Reporting	Added various new job reports. For example, it is now possible to display an overview about all job executions.
Server, NETCONF, Templates	Added remote file operations to NETCONF templates. It is now possible to copy, delete and get files via FTP, SFTP, TFTP and SCP.
Server, Reporting	Improved the "Audit Report" statistic type in the Group Analyzer. The reports "Importer Data Table", "Importer Status Table" and "Importer Summary Table" were added.
Server, Rich Client GUI	Removed the "First Data" and "Last Data" labels in the Analyzer. The information can now be found using a new report type. See the update guide for more information about this change.
Server, Rich Client GUI, StableNet® Portal	Improved the values of the attribute tag category "Device Capabilities". Among other changes, SNMP values now include the SNMP version. See the update guide for more information about this change.
Server, StableNet® Portal	Improved and unified unit calculations. In StableNet® the conversion factor is now always 1000 for byte based units. See the update guide for more information about this change.
Server, StableNet® Portal, Default Properties	Added new default property "Number of elements to activate delete confirmation". It allows specifying when an additional confirmation dialog is displayed in the StableNet® Portal.
Server, Vendor Support	Improved vendor support for F5 devices. For some devices the vendor name was not displayed. Related ticket number: Ticket#2025012110000054.
StableNet® Portal	Added the license handling to the StableNet® Portal. It is now possible to upload a license in the server information view.
StableNet® Portal	Improved the general error handling in the portal. It is now possible to display and copy additional information about the error.

Improvements

StableNet® Portal, Agents	Improved the usability when no Agent is defined yet. After logging in to the portal, the user will be prompted to add a new Agent to the system.
StableNet® Portal, Device Info Commands	Improved the Device Info Commands view. Uploading and downloading of Device Info Commands is now possible.
StableNet® Portal, Guided Tour, Tag Categories	Added new guided tours to the tag categories view.
StableNet® Portal, Inventory Overview	Improved the device table in the inventory view. It is now possible to export the table in CSV or Excel format. Related ticket number: Ticket#2024070510000031.
StableNet® Portal, Inventory Overview	Improved the monitor table in the inventory view. It is now possible to export the table in CSV or Excel format.
StableNet® Portal, Inventory Overview	Improved the measurement table in the inventory view. It is now possible to export the table in CSV or Excel format.
StableNet® Portal, Inventory Overview	Improved the creation of measurements. The available measurement types are now filtered based on the license.
StableNet® Portal, Maintenances	Improved the toolbar in the maintenances view. Some actions were only available via the context menu.
StableNet® Portal, Tag Filters	Improved the tag filters view. It is now possible to clone tag filters.
StableNet® Portal, Tag Filters	Improved the usability while creating tag filters. A link to the documentation was added to the user interface.

Bugfixes

Agent	Fixed issue with the root cause analysis. In some cases, the root cause was not set correctly.
Agent, Module Controller	Fixed issue with Agents that used IPv6 addresses. The module controller of these Agents was not reachable.
Rich Client GUI	Fixed issue when importing and exporting icon sets. The exported ZIP files were corrupt and valid ZIP files could not be imported. Also included in versions: 24 SP8
Rich Client GUI	Fixed issue when creating SNMP walks via the MIB browser. In some cases, MPLS information was not parsed correctly and caused the walk creation to fail. Related ticket number: Ticket#2025012010000011. Also included in versions: 24 SP8
Rich Client GUI, Analyzer, Reporting	Fixed issue in the report wizard. When creating a new group chart component, in some cases an error occurred when selecting a value filter. Related ticket number: Ticket#2025010810000034.

Bugfixes	
Rich Client GUI, Discovery	Fixed issue in Discovery Jobs. In rare cases, a Discovery Job which ran into a timeout resulted in an unresponsive Rich Client GUI.
Rich Client GUI, Inventory	Fixed issue in the Rich Client GUI. After manually modifying a device, the "Supports SNMP or WMI Rediscovery" flag was not removed.
Rich Client GUI, Maintenances	Fixed issue in maintenances in the Rich Client GUI. In some cases, it was not possible to start the maintenance immediately.
Rich Client GUI, Measurements	Fixed issue when creating IP SLA measurements in the Rich Client GUI. It was not possible to create "IP SLA Service" and "IP SLA DHCP" measurements. Also included in versions: 24 SP8
Rich Client GUI, StableNet® Portal	Fixed issue in the Network Service Analyzer. With huge networks, the Network Service Analyzer did not work correctly. Also included in versions: 24 SP9
Rich Client GUI, StableNet® Portal, Vendor Support	Fixed issue in the inventory. For Alcatel TiMetra devices, MAC addresses of VPRN interfaces were not displayed with the correct formatting. Related ticket number: Ticket#2025011510000057.
Rich Client GUI, Weather Maps	Fixed issue in Weather Maps. Links in URL images are now called using HTTPS, even if they are defined using HTTP. This was already the case in the StableNet® Portal, the Rich Client GUI was now adapted accordingly to keep the behavior consistent. Also included in versions: 24 SP8
Scripts	Fixed issue in the VMWare script. Hosts in maintenance mode are ignored now.
Server, Database	Fixed issue which caused the database sync to not work correctly.
Server, Discovery	Fixed issue with duplicate external keys. Measurements and devices with duplicate external keys are now removed automatically.
Server, Installer, Database	Fixed issue with supported database versions. Some unsupported versions were allowed during installation and server startup. Also included in versions: 24 SP9
Server, Jobs	Fixed issue in jobs. When the schedule type was changed, the last execution time was lost.
Server, NCCM	Fixed issue in the database maintenance. Expired device backups and Device Info Command results were not deleted correctly. Also included in versions: 24 SP9
Server, NCCM, Jobs	Fixed issue when executing jobs on Cisco devices. In very rare cases, the job got stuck in an endless loop and caused high load on the StableNet® Server. Related ticket number: Ticket#2024041110000024. Also included in versions: 24 SP8
Server, REST API	Fixed a security issue related to Workflow Scripts and Backup Scripts.
Server, Rich Client GUI	Fixed issue in the Agents Theme. The operating system was not displayed correctly for Windows Server 2022 and 2025. Also included in versions: 24 SP8
Server, Rich Client GUI, NCCM, Reporting	Fixed issue in the Policy Analyzer and the respective reports. In some cases, policy violations were not displayed. They were only visible in the job result. Related ticket number: Ticket#2024092510000016. Also included in versions: 24 SP8

Bugfixes	
Server, StableNet® Portal, User Group Roles	Fixed issue with user group roles. The view role for the StableNet® Analytics Portal was missing.
Server, User Management	Fixed issue with the external authentication. It was not possible to use two-factor authentication and external authentication in combination. Related ticket number: Ticket#2025012910000012.
StableNet® Portal	Fixed issue in the table filtering. Filtering on date columns did not work correctly.
StableNet® Portal	Fixed issue with tag tree icons. The icons for external measurements and SNMP measurements were incorrect.
StableNet® Portal, Alarms & Events	Fixed issue in the alarms & events view. In the action events table, the "Alarm ID" column was missing.
StableNet® Portal, Alarms & Events	Fixed issue in the alarms & events view. In the event logs table, the "Agent ID" column was missing.
StableNet® Portal, Analyzer	Fixed issue in the Analyzer view. The option to override the legend did not work correctly for stacked charts.
StableNet® Portal, Analyzer	Fixed issue in the Analyzer view. Too many tag trees were available for selection. Now, only tag trees that include measurements are available.
StableNet® Portal, Config Snippets, Database Variables, NETCONF/YANG Manager	Fixed issue when downloading Config Snippets, NETCONF Snippets or Database Variables. If a tag filter was selected, the "Download All" option ignored that tag filter.
StableNet® Portal, Config Snippets, NETCONF/YANG Manager	Fixed issue when downloading Config Snippets, NETCONF Snippets or YANG models. Only the newest revisions were downloaded using the "Download All" option.
StableNet® Portal, Dashboards	Fixed issue in the Dashboards view. When opening the context menu for a status widget, the StableNet® Portal became unresponsive in some cases.
StableNet® Portal, Database Variables	Fixed issue in the Database Variables view. The columns "Object ID" and "Modifier" were missing.
StableNet® Portal, Device Geo Map	Fixed issue in the Device Geo Map view. Some filter options did not work correctly.
StableNet® Portal, Device Geo Map	Fixed issue in the Device Geo Map view. Not all devices were displayed due to a wrong license check. Related ticket number: Ticket#2025020410000031.
StableNet® Portal, Device Live Data	Fixed issue in the Device Live Data view. The automatic update using the selected update interval did not work correctly.

Bugfixes	
StableNet® Portal, Device Wizard	Fixed issue when creating a WMI device. In rare cases, the WMI password was not stored correctly.
StableNet® Portal, Dynamic Dashboard	Fixed issue in the Dynamic Dashboard view. The guided tour did not work correctly.
StableNet® Portal, Flow Query	Fixed issue in the Flow Query view. Navigating through the pages of the tables did not work correctly.
StableNet® Portal, Global Variable Stores	Fixed issue when creating or modifying global variable stores. Empty stores are valid, but it was not possible to save them.
StableNet® Portal, Group Analyzer	Fixed issue in the Group Analyzer view. Defining table filters caused an error.
StableNet® Portal, Group Analyzer	Fixed issue in the Group Analyzer view. If the resulting table was filtered or sorted, the drill-down did not work correctly.
StableNet® Portal, Inventory Overview	Fixed issue in the Inventory view. The following columns were missing in the devices table: "Capability", "Agent" and "Agent ID".
StableNet® Portal, Jobs	Fixed issue in the jobs view. The user group roles were not checked correctly when cloning a job. Create right are now required instead of modify rights.
StableNet® Portal, Jobs	Fixed issue when creating jobs with a daily interval. The execution time of the job was not set correctly.
StableNet® Portal, Maintained Devices, Maintenances	Fixed issue in the maintenances view and the maintained devices view. The user group roles were not checked correctly.
StableNet® Portal, Maintenances	Fixed issue when modifying a maintenance. In rare cases, not all changes were stored correctly.
StableNet® Portal, Measurement Wizard	Fixed issue when creating WMI measurements. It was possible to create WMI measurements without a device.
StableNet® Portal, Reports	Fixed issue in the reports view. Sorting by the "Users" column did not work correctly.
StableNet® Portal, Tag Filters	Fixed issue when creating tag filters. It was not possible to create state filters with "No data" states.
StableNet® Portal, Tag Filters	Fixed issue when modifying tag filters. In the simple mode, inverting filters did not work correctly. Related ticket number: Ticket#2025012310000014.
StableNet® Portal, Tag Filters	Fixed issues with tag categories containing a single quote character. Tag filters using such a tag category did not work correctly in some cases.
StableNet® Portal, Users/Customers	Fixed issue in the users/customers view. If two-factor authentication was enabled for a user, it was not possible to display the QR code.

Bugfixes	
StableNet® Portal, Weather Maps	Fixed issue in the Weather Maps view. The link filtering did not work correctly.
StableNet® Portal, Weather Maps	Fixed issue in the Weather Maps view. When modifying a Weather Map, the time settings in the link traffic options were not saved correctly.
StableNet® Portal, Weather Maps	Fixed issue if a Weather Map contained a broken link to another Weather Map. The Weather Map was not displayed correctly.
StableNet® Portal, Weather Maps	Fixed issue in Weather Maps. The icon for group nodes was incorrect.

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New Features

Rich Client GUI, Agent, Module Controller	A new "Module Controller" tab was added to the agent expert in the Rich Client GUI. It shows information about the module controller and the deployed modules.
Rich Client GUI, Inventory	It is now possible to execute a traceroute from a StableNet® Agent. The path will be displayed graphically including information like the round trip time for each hop. The functionality can be found in the Inventory Theme.
Rich Client GUI, StableNet® Portal	Enabling two-factor authentication is now possible in the StableNet® Portal via the user management. If two-factor authentication is enabled for a user, but their setup is not finished yet, they are redirected to a separate page when logging in to the StableNet® Portal or the Rich Client GUI. The two-factor setup has to be finished before the user can access the StableNet® Portal or the Rich Client GUI.
Rich Client GUI, StableNet® Portal	Password policies are now enforced when a user logs in to StableNet®. If the current password of a user does not comply with the password policies, they have to change their password before they can use StableNet®.
Server	TLS 1.3 is now supported. Older versions of TLS are not supported anymore.
Server	The license handling was reworked. The license is now automatically synced to all StableNet® Agents. See the update guide for more information about this change.
Server, Agent	The alarm tag category management was extended. There are now three options for alarm tag categories (Sync to Agent, Show for Alarms, Show for Monitors). Previously, all alarm tag categories were used for all three use cases.
Server, Agent	It is now possible to update StableNet® Agents automatically via the Agent repository. See the update guide for more information about this change.
Server, Discovery	A new device flag "Interface Attribute Changed" was added. It indicates changes in device interfaces.
Server, StableNet® Portal, NCCM	The management of YANG models is now available in StableNet®. Based on the YANG models, it is possible to create NETCONF Snippets which can be used in NETCONF Jobs to configure devices.
Server, User Group Roles, User Management	A new user group role "Access Users/Customers Management (Global)" was added. It grants read-only access to the users/customers management. Related ticket number: Ticket#2023070410000025.
Server, Vendor Support, NCCM	Added vendor support for KEYMILE devices. Backup and restore are now supported. Related ticket number: Ticket#2024041110000024. Also included in versions: 24 SP7
StableNet® Portal	A new color theme option "System" was added to the UI settings. It uses the default color theme of the operating system.

New Features	
StableNet® Portal	The agent wizard is now available in the StableNet® Portal to create and modify StableNet® Agents.
StableNet® Portal	The device geo map view was extended. It now allows displaying service links.
StableNet® Portal	The network service analyzer is now available in the StableNet® Portal.
StableNet® Portal	The StableNet® Portal can now be installed as a progressive web app.
StableNet® Portal	It is now possible to enable two-factor authentication for the login to StableNet®. See the update guide for more information about this change. Also included in versions: 24 SP4
StableNet® Portal	It is now possible to view the properties list for devices, measurements and monitors.
StableNet® Portal	It is now possible to update the measurement and monitor properties via a bulk update, similar to the "Edit Subtree Elements" functionality in the Rich Client GUI.
StableNet® Portal	The "Modify Device Attributes" dialog is now available in the StableNet® Portal.
StableNet® Portal	A new files view was added. It allows managing local images, config scripts, backup scripts and workflow scripts.
StableNet® Portal, Alarming	The monitor wizard is now available in the StableNet® Portal to create and modify monitors.
StableNet® Portal, Analyzer, Guided Tour	A new guided tour for the Analyzer was added.
StableNet® Portal, Device	The device wizard is now available in the StableNet® Portal to create and modify devices.
StableNet® Portal, Inventory	The "Shortest Path" functionality is now available in the StableNet® Portal. It can be found in the devices view.
StableNet® Portal, Inventory	It is now possible to execute a traceroute from a StableNet® Agent to a device in the inventory. The path will be displayed graphically including information like the round trip time for each hop. The new dialog can be accessed via the device context menu: Analysis - Trace Route.
StableNet® Portal, Inventory	The monitor table is now available in the inventory overview as a separate tab.
StableNet® Portal, Inventory, Measurements	The measurement table is now available in the inventory overview as a separate tab.
StableNet® Portal, Measurements	The measurement wizard is now available in the StableNet® Portal to create and modify measurements. So far, the following measurement types are supported: ping measurements, WMI template measurements, SNMP template measurements (including SNMP interface measurements), syslog measurements.

New Features

StableNet® Portal, NETCONF	The creation and modification of NETCONF Jobs is now supported in the StableNet® Portal.
StableNet® Portal, NETCONF	The creation and modification of NETCONF Snippets is now supported in the StableNet® Portal.
StableNet® Portal, Tagging	The way to define tag filters in the StableNet® Portal was reworked. There are two options now: The "Simple" mode is similar to the Rich Client GUI. The "TFQL" mode allows defining a tag filter using the Tag Filter Query Language. It supports syntax highlighting and auto-completion for the TFQL.
StableNet® Portal, Template Editor, Template Manager	The Template Editor and the Template Manager now allow the modification of telemetry templates.
StableNet® Portal, Templates, Usability	The Template Manager view was reworked. The functionality was extended and the usability improved.
StableNet® Portal, Usability	A new quick search was added. It can be found in the menu bar of the StableNet® Portal. It allows searching for devices or measurements and displays the results in a view that resembles the Device Dashboard.
StableNet® Portal, Usability	New drilldown possibilities were added. Clicking on a device name or device ID opens the Device Dashboard in a new dialog. Clicking on a measurement name or measurement ID opens the measurement dashboard, which is a reduced version of the Device Dashboard. Clicking on a monitor name or monitor ID opens the Analyzer for that monitor.

Improvements

Agent	The plink binary that is used for connections from the Windows StableNet® Agent to devices was updated to version 0.80. Related ticket number: Ticket#2024011710000055. Also included in versions: 12 SP11, 24 SP1
Agent, Alarming	Improved the creation of alarms. The alarm information of the monitor is now added to the alarm as a comment. Also included in versions: 24 SP1
Rich Client GUI	Improved the "About" dialog in the Rich Client GUI. It now contains information about the module controller and the available modules.
Rich Client GUI	The documentation link in the Rich Client GUI now opens the documentation in the StableNet® Portal. Also included in versions: 24 SP2
Rich Client GUI	Improved the creation of SNMP walks in the MIB browser. The resulting walk files now have a timestamp in the file name. Also included in versions: 24 SP1
Rich Client GUI	Improved the database variable management. The "Description" column was added. Related ticket number: Ticket#2024062610000065. Also included in versions: 24 SP5

Improvements	
Rich Client GUI	Improved the dialog that allows to display all traps for a specific time frame. It is now possible to open the trap details dialog by double-clicking a trap entry. Also included in versions: 24 SP6
Rich Client GUI, Analyzer, Usability	Improved the usability in the Group Analyzer. The default property "Automatically plot when Group Analyzer is opened" is now also considered when changing chart properties. Also included in versions: 24 SP2
Rich Client GUI, Device Info Commands	Improved the Device Info Command management. A new column with the executed command was added to the table. Related ticket number: Ticket#2023102310000037. Also included in versions: 24 SP1
Rich Client GUI, Discovery, Templates	Improved the display of discovery data templates. They are now displayed as a table, not as a plain CSV file. Also included in versions: 24 SP4
Rich Client GUI, Installer	Customizing the memory settings for the Rich Client GUI was improved. They are no longer overwritten when updating the StableNet® Server. See the update guide for more information about this change. Also included in versions: 24 SP6
Rich Client GUI, Performance Improvement	Improved the startup time of the Rich Client GUI.
Rich Client GUI, StableNet® Portal, Dashboard	Improved the open alarms table widget in dashboards. It is now possible to sort the open alarms by their priority.
Rich Client GUI, User Management	Improved the usability when selecting roles for user groups. There is now a separate tab for the portal view roles. Also included in versions: 24 SP1
Rich Client GUI, Weather Maps	Improved the automatic link creation in Weather Maps. Links are now only created for the selected node. If nothing is selected, links will be created for all nodes in the Weather Map. Related ticket number: Ticket#2024031210000042.
Scripts	Improved the "StableNet® Server Monitoring Script". It now measures the certificate status and the certificate expiration time. Also included in versions: 24 SP6
Scripts	The old "SSL Certificate Expiration Check Script" script is no longer shipped. It was replaced by a more powerful script called "TLS Certificate Validation Script". That script allows measuring the validity of the certificate by providing a special error status code. It also determines the days until the certificate expires. Also included in versions: 24 SP7
Server	The health management was extended. The memory settings of the StableNet® Server are now checked. Also included in versions: 12 SP12, 24 SP2
Server	Improved the user roles regarding ticket integration. The user role "Create/Update/Clear Ticket" was split up into the two roles "Create/Update Ticket" and "Clear Ticket".
Server	Improved security by adding security-related HTTP headers to API requests. Related ticket number: Ticket#2024031510000064.

Improvements	
Server	Improved general error feedback, for example when the measurement type changes. Related ticket number: Ticket#2024032010000027. Also included in versions: 24 SP3
Server	The application server for StableNet® was updated. StableNet® now uses WildFly 32.0.1.
Server	Improved the validation of keys and values in global variable stores. Spaces, tabs, colons and dollars are no longer allowed.
Server	Improved the shortest path algorithm. It now uses less memory and supports bigger networks. Also included in versions: 24 SP6
Server, Agent	The Java version of StableNet® was updated. StableNet® now uses Java 21.
Server, Analyzer, Performance Improvement	Improved the performance of statistic calculations.
Server, Analyzer, Reporting	Improved the handling of interface reports. Instead of a measurement template, a separate template called "Interface Report Template" is now used to generate interface reports. Also included in versions: 24 SP5
Server, Database, Installer	Improved the JDBC URL handling for Oracle RAC installations and MariaDB installations using SSL. Also included in versions: 24 SP4
Server, Default Properties	Improved the possibilities to enforce password policies. See the update guide for more information about this change. Related ticket number: Ticket#2024031510000046. Also included in versions: 24 SP3
Server, Default Properties	The password policy settings were moved from being default properties to system properties which are stored in the installation directory of the StableNet® Server. See the update guide for more information about this change. Also included in versions: 24 SP4
Server, Discovery	Improved the handling of missing data in the Cisco QoS discovery. Also included in versions: 12 SP12, 24 SP1
Server, Discovery	Improved the link discovery. It is now possible to select the source and destination interfaces via their index.
Server, Discovery	Improved the discovery when using scripts. Instead of 4 arguments the discovery now allows 10 arguments for scripts.
Server, Discovery	Improved handling of external keys for external measurements. Also included in versions: 24 SP3
Server, Discovery	Improved the handling of vendor names in the vendor mapping. Vendor names are now case-insensitive. Also included in versions: 24 SP3
Server, Discovery	Improved the discovery logging. Log messages in scripts that are executed during the discovery are now available in the discovery log. Also included in versions: 24 SP5

Improvements	
Server, Discovery	Improved the rediscovery of devices. See the update guide for more information about this change. Related ticket number: Ticket#2024070510000021.
Server, Discovery	Improved the service discovery. It is now possible to disable the TCP port probing using the new default property "Discover TCP Ports". Also included in versions: 24 SP6
Server, Discovery	Improved the creation of Cisco IP SLA measurements during the discovery. The "rttMonCtrlAdminOwner" is now stored as a "Measurement Category 1" tag.
Server, Jobs	The label for job device results was increased from 64 bytes to 255 bytes.
Server, NCCM, Jobs	Improved the policy check handling. The result "No Config" was renamed to "No Backup" and the messages in the job results were improved. Also included in versions: 24 SP6
Server, NCCM, Jobs	Improved the interactive command in Template-Based Configuration Jobs. It is now possible to use the new "password" attribute to prevent the logging of sensitive data. Related ticket number: Ticket#2024102210000019. Also included in versions: 24 SP7
Server, Performance Improvement, Reporting	Improved the performance when calculating bulk metric statistics, for example min/max/avg traffic for interfaces.
Server, Reporting	It is now possible to group dynamic charts in reports based on tags. Also included in versions: 24 SP3
Server, Rich Client GUI	The Java version of StableNet® was updated. StableNet® now uses Java 17.0.11. Also included in versions: 24 SP3
Server, Rich Client GUI	Improved the TLS certificate handling in StableNet®, especially for certificates signed by a private CA. See the update guide for more information about this change. Also included in versions: 24 SP7
Server, Rich Client GUI, Analyzer, Reporting	Improved the "Audit Login Security Table" report. The creation date and the last modification date of the users are now available in the report. Related ticket number: Ticket#2024062310000016. Also included in versions: 24 SP6
Server, Rich Client GUI, Analyzer, Reporting	Improved the report types "Monitor Actions with Comments Table", "Monitor Alarms with Comments Table" and "Monitor Root Cause Alarms with Comments Table". The entries now contain more information, e.g. about the time and the type of the action. Also included in versions: 24 SP6
Server, Rich Client GUI, Analyzer, Reporting	Improved the report type "Inventory Device Module Detail". It now contains all modules of a device, independent of the type of the module. Related ticket number: Ticket#2024100210000057. Also included in versions: 24 SP7
Server, Rich Client GUI, Analyzer, Reporting	Improved the reports "Inventory Interfaces Unused" and "Inventory Interfaces Unused Short". A new column was added which shows the percentage of free ports. Related ticket number: Ticket#2024092810000011.
Server, Rich Client GUI, NCCM	Improved the job results of backup jobs. Devices without Device Info Commands are now marked as such. Also included in versions: 24 SP7

Improvements	
Server, Rich Client GUI, StableNet® Portal	Improved the open alarms handling right after starting the StableNet® Server. Previously, only a subset of alarms was displayed in the Rich Client GUI and the StableNet® Portal. Now, no alarms are displayed until the whole alarm list is available. Also included in versions: 24 SP4
Server, StableNet® Portal	The PDF documentation is no longer shipped with StableNet®. The StableNet® Portal provides access to the documentation in HTML format. The PDF documentation can be downloaded in the Community Portal.
Server, StableNet® Portal, Performance Improvement	Improved the communication between the StableNet® Server and the StableNet® Portal. Due to enabled compression, the traffic was reduced significantly. This is especially noticeable for slow connections, for example when using VPNs. Also included in versions: 24 SP2
Server, Tagging	Legacy tag filters were removed. See the update guide for more information about this change.
Server, Tagging	Extended the attribute tag categories for Device Info Commands. The category "Device Info Command Source" is now available.
Server, Tagging	Improved the handling of tag filters. It is now possible to use a list of filter values for the following tag filter types: equals, contains, matches, equals (case-sensitive).
Server, Tagging	Improved the naming of the tag filters. See the update guide for more information about this change.
Server, Templates	Improved the general XML template schema. More output unit types are now available: kHz, GHz, THz, nm, µs. Related ticket number: Ticket#2024101410000034.
Server, Templates	The input element types were extended. Two new types are now available: "interfacebwin" and "interfacebwout". They allow accessing the bandwidth of the selected interface. A new attribute "derivedid" was also added for input elements. See the update guide for more information about this change. Also included in versions: 24 SP7
Server, User Group Roles	Improved the naming of role groups for user group roles. The group "Device Jobs" was renamed to "Configuration Jobs/NETCONF Jobs" and the role "Backup Jobs" was renamed to "Backup Jobs/Policy Jobs".
Server, User Management	Improved the handling of portal view roles in the user group management. It is now possible to mix normal roles and portal view roles in one user group. Also included in versions: 24 SP2
Server, Vendor Support, Discovery	Added basic vendor support for UfiSpace devices. Also included in versions: 24 SP2
Server, Vendor Support, Discovery	Improved the interface discovery for Fortinet FortiGate devices. Interfaces are now automatically assigned to their VDOMs. Related ticket number: 2022051010000055. Also included in versions: 24 SP2
Server, Vendor Support, Discovery	Improved vendor support for Viptela devices. The model discovery was improved. Also included in versions: 24 SP2

Improvements	
Server, Vendor Support, Discovery	Improved vendor support for Ciena devices. The modules are now discovered and displayed in StableNet®. Also included in versions: 24 SP3
Server, Vendor Support, Discovery	Improved vendor support for Huawei YunShan OS devices. The operating system is now discovered correctly. Related ticket number: Ticket#2024042510000034. Also included in versions: 24 SP6
Server, Vendor Support, Discovery	Improved vendor support for LANCOM Systems devices. The operating system, model and module information are now read from the devices during the discovery. Also included in versions: 24 SP5
Server, Vendor Support, Discovery	Improved vendor support for InfoBlox devices. The operating system and model are now read from the devices during the discovery. Related ticket number: Ticket#2024062610000056. Also included in versions: 24 SP6
Server, Vendor Support, Discovery	Improved the discovery of Lumentis AB device modules.
Server, Vendor Support, Discovery	Improved the discovery of Iskartel modules.
Server, Vendor Support, Discovery	Improved the discovery of Kontron C16 modules.
Server, Vendor Support, Discovery	Improved vendor support for Juniper PSA-7000c and ISA-8000f devices. The model and the operating system are now discovered and displayed in StableNet®. Related ticket number: Ticket#2024091610000024. Also included in versions: 24 SP7
Server, Vendor Support, Discovery	Improved the vendor support for Ciena devices. The operating system is now discovered and displayed in StableNet®. Related ticket number: Ticket#2024101710000047. Also included in versions: 24 SP7
Server, Vendor Support, Discovery	Improved the discovery of Windows Server devices. Windows Server 2022 and Windows Server 2025 are now recognized. Also included in versions: 24 SP8
Server, Vendor Support, Measurements	Improved vendor support for Juniper devices. TWAMP measurements are now automatically created during the discovery if the default property "Auto measure TWAMP" is enabled. Also included in versions: 24 SP1
Server, Vendor Support, Measurements	Improved support for Cisco QoS measurements. The CIR Policing Rate and PIR Policing Rate are now supported.
StableNet® Portal	Improved the server log files view. It is now possible to select and download multiple files at the same time.
StableNet® Portal	Improved the device backups view. It is now displayed if the backup or Device Info Command result was created successfully or if there were any errors. Also included in versions: 24 SP1

Improvements	
StableNet® Portal	Improved the generated config files view. It is now possible to display the files directly in the StableNet® Portal.
StableNet® Portal	Improved the dynamic dashboard view. A tag tree is now available for the element selection.
StableNet® Portal	Improved the interfaces tab of the Device Dashboard. It is now possible to export the interface list. Related ticket number: Ticket#2024040510000018.
StableNet® Portal	Improved the alarms & events view. The limitation for the number of table entries can now be customized using the default property "Reporting Result Row Limit". Also included in versions: 24 SP5
StableNet® Portal	Improved the usability in the StableNet® Portal. It is now possible to use Ctrl + Click in the navigation to open a new tab. Also included in versions: 24 SP3
StableNet® Portal	Improved the icons that are used in tag trees. The icons are now SVG images, which are easier to recognize, independent of the used zoom-factor.
StableNet® Portal	Improved the colors in the StableNet® Portal for better readability, especially for visually impaired users.
StableNet® Portal	Improved the user feedback if the StableNet® Portal cannot reach the StableNet® Server.
StableNet® Portal	Improved the context menus for taggable objects to make the context menus more consistent throughout the StableNet® Portal. The following objects are affected by this change: Weather Maps, NETCONF Snippets, monitors, measurements, devices, interfaces, jobs.
StableNet® Portal	Improved the default time ranges in the alarms & events view.
StableNet® Portal	Improved the search in tag trees. It is now possible to enable and disable the case-sensitive search.
StableNet® Portal	Many toolbars in the StableNet® Portal were improved for a more consistent user experience. Actions that are not available for the current selection are no longer displayed.
StableNet® Portal, Alarming	Improved the alarm details dialog. Line wrapping is now enabled in the "Alarm Impact" tab. Related ticket number: Ticket#2024120210000017.
StableNet® Portal, Analyzer	Improved and standardized the displayed decimal places in the Analyzer. Related ticket number: Ticket#2023092510000018. Also included in versions: 24 SP4
StableNet® Portal, Analyzer	Improved formatting of large numbers in the Group Analyzer.
StableNet® Portal, Analyzer	Improved the customization options in the Analyzer and the Group Analyzer. Overriding the title, subtitle, legend and time range is now possible. Text replacements are also available.
StableNet® Portal, Analyzer	Improved the usability in the Analyzer. The "Clear All" button was removed because the functionality was not clear and it was not necessary.

Improvements	
StableNet® Portal, Analyzer	Improved the Analyzer. It is now possible to plot separate charts for each measurement, independent of the time settings of the charts.
StableNet® Portal, Category Analyzer	Improved the display of long names in the spider charts of the Category Analyzer.
StableNet® Portal, Dashboard	Improved the status widget in the StableNet® Portal. Similar to the Rich Client GUI, it is now possible to open the monitor table via the context menu.
StableNet® Portal, Database Variables	Improved the Database Variables view. Uploading and downloading of Database Variables is now possible.
StableNet® Portal, Default Properties	Improved the default properties view. It is now possible to reset the default properties to their initial values.
StableNet® Portal, Default Properties	The new default property "Portal Inventory Device List Tag Categories" was added. It allows customizing which tag categories are displayed in the device table in the StableNet® Portal.
StableNet® Portal, Default Properties, Weather Maps	The default property "Portal Device Tooltip Information" was added. It allows customizing the node tooltips in Weather Maps in the StableNet® Portal.
StableNet® Portal, Device Info Commands	Improved the Device Info Commands view. It is now possible to clone Device Info Commands.
StableNet® Portal, Device Info Commands	Improved the Device Info Command view. A new column with the executed command was added to the table. Also included in versions: 24 SP1
StableNet® Portal, Device Info Commands	Improved the Device Info Command wizard. The "Raw Command" option was added.
StableNet® Portal, Device, Inventory	Improved the display of interface parents in the Device Dashboard. The interface names are now displayed instead of the interface numbers. Also included in versions: 24 SP6
StableNet® Portal, Files	Uploading and downloading of objects in the StableNet® Portal was reworked for a more consistent user experience. Objects are always downloaded as ZIP files. Upload is supported for ZIP files and object files.
StableNet® Portal, Global Variable Stores	Improved the Global Variable Stores view. Uploading and downloading of Global Variable Stores is now possible.
StableNet® Portal, Inventory	Improved the Device Dashboard. A new column was added to the interface table which displays the tags of the interfaces. Related ticket number: Ticket#2024012610000038, Ticket#2024050510000025. Also included in versions: 24 SP4
StableNet® Portal, Inventory	Improved the Device Dashboard. A new tile with availability information was added.
StableNet® Portal, Inventory	Improved the Device Dashboard. A new context menu entry was added to the interface table which allows viewing and editing the tags of the selected interface.

Improvements	
StableNet® Portal, Inventory	Improved the device selection in the Device Analyzer. The device name can now be copied. Also included in versions: 24 SP3
StableNet® Portal, Jobs	Improved the job analyzer. It is now possible to export the job details table. Related ticket number: Ticket#2024082910000029.
StableNet® Portal, Jobs, Templates	Improved the job wizard. It is now possible to modify job templates in the job wizard.
StableNet® Portal, Maintenances	Improved the maintenance mode selection when creating a new maintenance. The mode selection is now filtered based on the user roles of the current user. Also included in versions: 24 SP4
StableNet® Portal, NETCONF	Improved the Template Editor. The placeholder analyzer is now available for NETCONF templates.
StableNet® Portal, Performance Improvement	Improved the general performance in various views by caching table data.
StableNet® Portal, Performance Improvement, Tagging	Improved the performance when loading tag trees significantly. Also included in versions: 24 SP2
StableNet® Portal, Performance Improvement, Usability	Improved the performance and usability of the device backups view.
StableNet® Portal, Snippets	Improved the Config Snippets view. Uploading and downloading of Config Snippets is now possible.
StableNet® Portal, Snippets	Improved the Config Snippets view. It is now possible to display the difference between two Config Snippets.
StableNet® Portal, Snippets, Jobs	Improved the snippet analyzer for jobs. A filter option was added to the snippet list. Furthermore, the option to modify the selected snippet was added.
StableNet® Portal, Tagging	Improved the tag categories view. The "Alarm Tag Category" column now displays the type(s) of the alarm tag category.
StableNet® Portal, Tagging	Improved the tag trees in the StableNet® Portal. Monitor priorities are now displayed. Also included in versions: 24 SP5
StableNet® Portal, Tagging	Improved the display of reference tag filters. The name of the referenced filter is now displayed instead of its ID. Also included in versions: 24 SP6
StableNet® Portal, Tagging	The tag filters view was reworked. It now consists of a table that shows the available tag filters. Creating and modifying tag filters is possible in a wizard.
StableNet® Portal, Tagging	The context menus in the taggables view were reworked and extended.

Improvements

StableNet® Portal, Usability	Improved the usability when clearing time filters for table columns. Also included in versions: 24 SP1
StableNet® Portal, Usability	Improved the usability of the StableNet® Portal. A lot of settings (e.g. Analyzer settings) are now kept, even after leaving the view and returning to a previously visited view.
StableNet® Portal, Usability	Improved usability in tables by slightly reducing the row height.
StableNet® Portal, Usability	Improved the usability of the open alarms & events view. The column "Device ID" now links to the Device Dashboard of the respective device.
StableNet® Portal, Usability	Improved the look and usability of the StableNet® Portal by using customized components (e.g. toggle buttons, drop-down selection fields).
StableNet® Portal, User Management	Improved the user management view. The role descriptions are now available in a separate table column when assigning the user group roles.
StableNet® Portal, Weather Maps	Improved the creation of URL images in Weather Maps. It is now possible to create the URL image using an interface similar to the Analyzer.
StableNet® Portal, Weather Maps	It is now possible to customize the link paths in Weather Maps. Also included in versions: 24 SP5

Bugfixes

Agent	Fixed issue in the StableNet® Agent which could cause a deadlock in the measurement execution. This only happened in rare cases if an external measurement was in the maintenance state. Also included in versions: 12 SP11, 24 SP1
Agent	Fixed issue in StableNet® Agents running on Windows. The connection to the StableNet® Server was temporarily cut off in some cases. Related ticket number: Ticket#2024052910000025. Also included in versions: 24 SP4
Agent	Fixed issue in the automatic restart of the StableNet® Agent. See the update guide for more information about this change. Related ticket number: Ticket#2024071510000048. Also included in versions: 24 SP5
Agent	Fixed issue in the StableNet® Agent for Linux. SNMPv3 with DES encryption did not work correctly. Also included in versions: 24 SP6
Agent, Measurements	Fixed issue when querying OIDs in measurements. In some cases, the return value was incorrect. That could lead to measurements being in the OK state instead of the No Data state, for example template measurements using the "Process Linux" template. Also included in versions: 24 SP8
Agent, NCCM	Fixed issue when connecting to a Linux device via SSH. The returned output of the devices was not parsed correctly. Also included in versions: 12 SP11, 24 SP1

Bugfixes	
Agent, NCCM	Fixed issue when connecting to devices. In some cases, parsing the output of commands did not work correctly if the commands were too long. Also included in versions: 12 SP11, 24 SP2
Installer	Fixed issue when installing the StableNet® Server using the GUI mode. The communication with Oracle databases did not work correctly in this case. Installing the StableNet® Server using the console mode worked fine. Also included in versions: 24 SP3
Rich Client GUI	Fixed issue when changing the column order of tables in the "Order Columns" dialog. Drag and drop did not work correctly. Also included in versions: 24 SP1
Rich Client GUI	Fixed issue in the Network Service Analyzer. In some cases, an error occurred when it was opened. Also included in versions: 24 SP1
Rich Client GUI	Fixed issue in tag trees that contained services. In some cases, sub services were not displayed correctly. Also included in versions: 24 SP2
Rich Client GUI	Fixed issue in the bootstrapping of the Rich Client GUI. In rare cases, the bootstrapping did not work correctly and the Rich Client GUI did not start. Also included in versions: 24 SP3
Rich Client GUI	Fixed issue in the login to the Rich Client GUI. In rare cases, the login did not work correctly for users with external authentication. Related ticket number: Ticket#2024030510000011. Also included in versions: 24 SP6
Rich Client GUI	Fixed issue in the monitor wizard. It is no longer possible to change the monitor type of existing monitors because that could cause issues with historical monitor data. Also included in versions: 24 SP2
Rich Client GUI	Fixed issue when starting the Rich Client GUI. In some cases, connection errors were not detected correctly. As a result, the Rich Client GUI did not show all data in StableNet®. Also included in versions: 24 SP3
Rich Client GUI	Fixed issue in the Group Analyzer. The "Tag Category List" setting did not work correctly if the title of the chart was customized. Also included in versions: 24 SP3
Rich Client GUI	Fixed issue when cloning syslog filters. The new filter replaced the existing filter. Related ticket number: Ticket#2024090510000027. Also included in versions: 24 SP6
Rich Client GUI	Fixed issue when importing files. In rare cases, some folders could not be opened in the file selection dialog. Also included in versions: 24 SP6
Rich Client GUI	Fixed issue when the Rich Client GUI lost the connection to the StableNet® Server. In some cases, the user was not notified about the lost connection. Also included in versions: 24 SP8
Rich Client GUI, Analyzer	Fixed issue when opening the Analyzer. Charts for flow statistic monitors did not work correctly. Related ticket number: Ticket#2024041710000013. Also included in versions: 24 SP3
Rich Client GUI, Analyzer, Reporting	Fixed issue in the report wizard. Pasting Group Analyzer settings into a report component did not work correctly. Also included in versions: 24 SP8

Bugfixes	
Rich Client GUI, Dashboard	Fixed issue when modifying users. In some cases, an error occurred when changing the default dashboard of a user. Related ticket number: Ticket#2024102810000026. Also included in versions: 24 SP7
Rich Client GUI, Events	Fixed issue in the syslog coloring. The "Device ID" column was not colored correctly. Also included in versions: 24 SP1
Rich Client GUI, Inventory	Fixed issue in the interfaces table in the inventory. Sorting by the interface speed did not work correctly. Related ticket number: Ticket#2024051410000044. Also included in versions: 24 SP4
Rich Client GUI, Jobs	Fixed issue in the "Show Used Placeholders" functionality for jobs. Not all types of placeholders were displayed. Also included in versions: 24 SP1
Rich Client GUI, Jobs	Fixed issue in Snippet-Based Configuration Jobs. In some cases, the snippet selection got lost when modifying the job in the job wizard. Also included in versions: 24 SP2
Rich Client GUI, Jobs	Fixed issue when restoring a device by selecting a specific backup in the Rich Client GUI. In some cases, the restore was not possible. Also included in versions: 24 SP2
Rich Client GUI, Reporting	Fixed issue when pasting components in the report wizard. The validation of the pasted components did not work correctly. Also included in versions: 24 SP1
Rich Client GUI, Reporting	Fixed issue when creating or modifying a report job. It was not possible to create a value indicator component. Related ticket number: Ticket#2024092510000052. Also included in versions: 24 SP7
Rich Client GUI, Resource Management	Fixed issue when changing the resource pool definition of a resource pool. Also included in versions: 24 SP6
Rich Client GUI, Services	Fixed issue in the Service Analyzer. While using the logical service view, the Rich Client GUI could become unresponsive in rare cases. Also included in versions: 24 SP1
Rich Client GUI, StableNet® Portal	Fixed issue in the Network Service Analyzer. In some cases, an error occurred when it was opened. Related ticket number: Ticket#2024080110000036. Also included in versions: 24 SP5
Rich Client GUI, StableNet® Portal, Analyzer	Fixed issue in interface charts. The interface bandwidth was not displayed. Related ticket number: Ticket#2024101110000021.
Rich Client GUI, StableNet® Portal, Analyzer, Reporting	Fixed issues in multi charts. In rare cases, the SLA markers and combining interface charts did not work correctly. Also included in versions: 24 SP3
Rich Client GUI, Tagging	Fixed issue when copying tag filters. Reference tag filters were copied using the ID of the referenced filter instead of its name. Also included in versions: 24 SP5
Rich Client GUI, Templates	Fixed issue when displaying templates. The line numbers were displayed incorrectly. Also included in versions: 24 SP1

Bugfixes	
Rich Client GUI, Usability	Fixed issue with auto-completion fields. If too many objects were available for selection, the Rich Client GUI could become unresponsive for a short time. Also included in versions: 24 SP1
Rich Client GUI, User Management	Fixed issue in the User/Customers management. Users with the role "Access Users/Customers Management (Global)" could tokenize servlet URLs. Now the role "Modify Users and Groups (Global)" is necessary for that. Also included in versions: 24 SP8
Rich Client GUI, Weather Maps	Fixed issue in Weather Maps. The SVG export did not work correctly. Also included in versions: 24 SP1
Scripts	Fixed issue in the Open Alarm Escalation Script. DRG monitors were not created correctly. Also included in versions: 12 SP12, 24 SP3
Scripts	Fixed issues in scripts. In some cases, log messages broke the output format of the scripts. Related ticket number: Ticket#2024062710000045. Also included in versions: 24 SP5
Scripts	Fixed issue in the VMware script. Executing the script caused an error. Also included in versions: 24 SP5
Scripts	Fixed issue in the Device Config Status Monitoring Script. Parsing of timestamps did not work correctly. Also included in versions: 24 SP8
Scripts	Fixed issue in the VMWare monitoring script. The script did not work due to missing templates. Also included in versions: 24 SP8
Server	Fixed issue in the Java heap space check. The calculation of the system memory was inaccurate. Also included in versions: 24 SP3
Server	Fixed issue when deleting taggable objects. Some objects could not be deleted when related objects were missing. For example, job results could not be deleted if the respective job did not exist anymore. Also included in versions: 24 SP3
Server	Fixed issue when creating external measurement templates. The "interval" attribute was not supported. Also included in versions: 24 SP6
Server	Fixed issue in the user blocking for failed login attempts. In some cases, the user was not blocked correctly. Also included in versions: 24 SP7
Server	Fixed issue with the password policies. The policies were enforced for users with external authentication. Also included in versions: 24 SP6
Server	Fixed issue when calling servlets with an invalid login. An OK result with no content was returned instead of an error. Also included in versions: 24 SP7
Server	Fixed issues in the policy check handling. Furthermore, the names of some report types were improved. The report type "Device Check Results" was renamed to "Device Check Violation Results" and the report type "Device Check Results Details" was renamed to "Device Check Results History". The new report type "Device Check Results" was added (which contains different data than the old "Device Check Results" report type). Related ticket number: Ticket#2024092510000016. Also included in versions: 24 SP7

Bugfixes	
Server	Fixed issue when retrieving backups via Cisco ACI. In some cases, the timeout was too short to fetch the backup. Related ticket number: Ticket#2024091210000022. Also included in versions: 24 SP7
Server	Fixed issue in the lockout policy settings. The user blocking was not disabled if the blocking limit was set to zero. Also included in versions: 24 SP7
Server, Agent, Alarming	Fixed issue in the license check of the alarm export for ticket systems. Also included in versions: 24 SP1
Server, Analyzer, REST API	Fixed issue when using the "Measurement data" chart type in the Analyzer or when querying aggregated measurement data using the REST API. In some cases, data was missing. Also included in versions: 24 SP3
Server, Database	Fixed issue when creating auto backups of MariaDB databases. Due to a bug in the MariaDB driver, the backup was not executed correctly. The driver was updated, which fixes the issue.
Server, Database	Fixed issue when executing database converters. If a database user had access to multiple database schemes, database converters were not executed in some cases. Also included in versions: 24 SP8
Server, Default Properties, Reporting	Fixed issue with the default property "Excel Format for Dates". It had no effect. Also included in versions: 24 SP1
Server, Discovery	Fixed issue when creating Juniper RPM measurements. The measurement interval was often set to one second. Now the new default property "Auto measure RPM Measurement Interval" is used to define the measurement interval. Related ticket number: Ticket#2024012310000025. Also included in versions: 24 SP1
Server, Discovery	Fixed issue in the discovery. If multiple discovery jobs were running in parallel, setting interface tags or importing links did not work correctly in some cases. Also included in versions: 24 SP1
Server, Discovery	Fixed issue in the ACI discovery. In some cases, an error occurred and the ACI discovery did not finish successfully. Related ticket number: Ticket#2024061210000037. Also included in versions: 24 SP4
Server, Discovery	Fixed issue in the discovery. The ACI discovery did not work correctly. Also included in versions: 24 SP6
Server, Discovery, Default Properties	Fixed issue in the discovery. The business hour group of a monitor was overwritten even if the default property "Monitor Override Protected Flag" was enabled. Related ticket number: Ticket#2024031410000048. Also included in versions: 24 SP3
Server, Discovery, Inventory	Fixed issue in the VLAN discovery for Cisco devices. If there existed more than 63 VLANs on an interface, the extra VLANs were not discovered correctly. Related ticket number: Ticket#2024021910000031. Also included in versions: 24 SP2
Server, Discovery, Measurements	Fixed issue with derived measurements. Having multiple related devices caused issues. A derived measurement can have only one related device now. Related ticket number: Ticket#2024052910000016. Also included in versions: 24 SP6

Bugfixes	
Server, Discovery, Measurements	Fixed issue in the discovery. In rare cases, duplicate measurements were created. Related ticket number: Ticket#2024070910000023. Also included in versions: 24 SP6
Server, Discovery, Measurements	Fixed issue when creating NetFlow statistic measurements. The interface filter was incorrectly set to the loopback interface of the device. Related ticket number: Ticket#2024090210000014. Also included in versions: 24 SP6
Server, Discovery, Measurements	Fixed issue in the WMI measurement creation during the discovery. If the same template was used for different measurements, some measurements were missing in rare cases. Also included in versions: 24 SP7
Server, Discovery, Measurements	Fixed issue when updating measurements, for example during the discovery. In rare cases, the measurements were not updated correctly. Also included in versions: 24 SP8
Server, EoX, Analyzer, Reporting	Fixed issue with device and module EoX reports in the Group Analyzer. Specific EoX definitions were skipped if a more general definition existed that used a regex which matched the specific definition. Also included in versions: 24 SP8
Server, Installer	Fixed issue when updating StableNet®. The update from the versions 12, 12 SP1 and 12 SP2 to StableNet® 24 did not work correctly. Also included in versions: 24 SP1
Server, Installer	Fixed issue in the server installer. The memory check did not work correctly on Windows systems. Also included in versions: 12 SP12, 24 SP2
Server, Installer	Fixed issue in the server installer. On Windows systems, the server did not start correctly after the installation. Also included in versions: 24 SP3
Server, Jobs	Fixed issue when deleting backup job results. They were kept in the system until a full maintenance was executed. This could cause wrong license information to be displayed. Also included in versions: 24 SP4
Server, Maintenances	Fixed issue in the rediscovery of devices after a maintenance ends. In rare cases, devices were not rediscovered.
Server, Measurements	Fixed issue in Synology NAS measurements. Storage monitors caused false alarms for RAID storages. Also included in versions: 24 SP8
Server, NCCM	Fixed issue when connecting to devices via SSH. If the connection could not be established, the error message did not show the actual error in some cases. Also included in versions: 24 SP2
Server, NCCM	Fixed issue with AudioCodes devices. Backups did not work correctly for some device types. Also included in versions: 24 SP3
Server, REST API	Fixed issue in the REST API when fetching users. In some cases, not all user properties were exported. Related ticket number: Ticket#2024020910000023. Also included in versions: 24 SP1
Server, REST API	Fixed issue when adding jobs via the REST API. Jobs without an external key could not be added. Now an external key is generated automatically for those jobs. Related ticket number: Ticket#2024071510000039. Also included in versions: 24 SP5

Bugfixes	
Server, Reporting	Fixed issue when importing Excel templates. In rare cases, the import was not possible because the templates were considered to be a ZIP bomb. Also included in versions: 24 SP1
Server, Reporting, REST API	Fixed issue when querying the last value of a measurement. Depending on the measurement, the query could take a long time to complete. See the update guide for more information about this change. Also included in versions: 24 SP5
Server, Rich Client GUI	Fixed issue in the MIB browser. In rare cases, not all available data was displayed. Related ticket number: Ticket#2023071710000037.
Server, Rich Client GUI	Fixed issue in the external authentication. Logging in via TACACS was not possible. Related ticket number: Ticket#2024111810000034. Also included in versions: 24 SP8
Server, Rich Client GUI, Analyzer, Reporting	Fixed various minor issues related to the generation of charts and statistics in the Analyzer and Group Analyzer. Also included in versions: 24 SP4
Server, Rich Client GUI, Analyzer, Reporting	Fixed issue in the Analyzer and in the reporting. In some cases, stacked charts were not displayed correctly because the transparency setting was wrong. Related ticket number: Ticket#2024062710000027. Also included in versions: 24 SP5
Server, Rich Client GUI, Analyzer, Reporting	Fixed issue in the policy checking. The report types "Device Check Results Details Table" and "Inventory Job Results Table" could contain incorrect policy violation results. Related ticket number: Ticket#2024062610000011. Also included in versions: 24 SP6
Server, Rich Client GUI, Analyzer, Reporting	Fixed issue when creating "Inventory Device Serial Detail Table" reports. If multiple devices had the same serial number, only one of the devices was displayed in the report. Related ticket number: Ticket#2024070410000023. Also included in versions: 24 SP5
Server, Rich Client GUI, Analyzer, Reporting	Fixed issue in the Analyzer. It was not possible to plot stacked charts for a single measurement with multiple output values. Related ticket number: Ticket#2024071510000021. Also included in versions: 24 SP5
Server, Rich Client GUI, Analyzer, Reporting	Fixed issue in the report types "Inventory Device Serial Detail" and "Inventory Device Module Detail". The columns "ID", "Parent" and "Rel. Pos" were missing. Also included in versions: 24 SP7
Server, Rich Client GUI, Analyzer, Reporting	Fixed issue with the time offset in reports or in the Analyzer. In some cases, the offset was stored incorrectly due to an issue with the day/month conversion. Related ticket number: Ticket#2024100810000046. Also included in versions: 24 SP7
Server, Rich Client GUI, Analyzer, Reporting	Fixed issue in reports containing alarms. The alarms were not colored and in some cases, acknowledged alarms were not marked as such. Also included in versions: 24 SP7
Server, Rich Client GUI, Analyzer, Reporting	Fixed issue in the report type "Measurement raw data". The report only contained one "Interval" column. That was incorrect if the measurement contained multiple measurement values with different intervals. Now there is one interval column per measurement value.
Server, Rich Client GUI, Scripts	Fixed issue when uploading workflow scripts. Uploading python scripts caused an error.

Bugfixes	
Server, Rich Client GUI, StableNet® Portal	Fixed issue in the Network Service Analyzer. In rare cases, it was not possible to open it. Also included in versions: 24 SP8
Server, Tagging	Fixed issue when deleting tag categories. In some cases, tag categories could not be deleted even though they were not used anymore. Also included in versions: 24 SP7
Server, Tagging	Fixed issue when deleting tag categories. Depending on the user rights, tag categories could not be deleted. Also included in versions: 24 SP8
Server, Templates	Fixed issue in the "Palo Alto Sessions" SNMP template. The "Supported Session Count" was incorrectly called "Active Session Count". Related ticket number: Ticket#2024082710000023. Also included in versions: 24 SP6
Server, Templates	Fixed issue in the "F5 BigIP hardware fan" SNMP template. The category of the measurements was "Storages" instead of "Specific". Related ticket number: Ticket#2024082910000011. Also included in versions: 24 SP6
Server, Templates	Fixed issue in the "F5 tmmMemory" SNMP template. The category of the measurements was "Storages" instead of "Specific". Related ticket number: Ticket#2024082910000011. Also included in versions: 24 SP7
Server, User Management	Fixed issue in the user management. If the password of a user was not compliant with the password policies, the user groups of the user could not be changed. Also included in versions: 24 SP6
Server, Vendor Support, Discovery	Fixed issue in the module discovery for Alcatel-Lucent devices. SFP modules were not discovered and for other modules the serial number was missing. Also included in versions: 24 SP1
Server, Vendor Support, Discovery	Fixed issue in the module discovery for Alcatel TiMetra devices. The discovered module data was incomplete. Also included in versions: 24 SP1
Server, Vendor Support, Discovery	Fixed issue in the model discovery for Juniper devices which could lead to missing router engine measurements. Also included in versions: 24 SP2
Server, Vendor Support, Discovery	Fixed issue when discovering Check Point devices. For some models the OS version was not discovered. Related ticket number: Ticket#2024031510000019. Also included in versions: 24 SP3
Server, Vendor Support, Discovery	Fixed issue when creating power supply measurements for Huawei devices. Measurements were also created for power supplies that did not exist. Also included in versions: 24 SP5
Server, Vendor Support, Discovery	Fixed issue in the vendor discovery. If a vendor had multiple vendor IDs, the vendor discovery was not executed correctly in some cases.
Server, Vendor Support, Jobs	Fixed issue when creating backups of Alcatel devices. In some cases, the backup creation failed due to an inaccurate error pattern matching. Related ticket number: Ticket#2024071910000022. Also included in versions: 24 SP5

Bugfixes	
Server, Vendor Support, NCCM	Fixed issue when executing jobs on Blue Coat Proxy devices. Accessing the devices via SSH did not work correctly in some cases. Related ticket number: Ticket#2024021910000059. Also included in versions: 24 SP2
Server, Vendor Support, NCCM	Fixed issue when executing jobs on Alcatel TiMetra devices. In some cases, errors reported by the devices were not recognized correctly. Also included in versions: 24 SP2
Server, Vendor Support, NCCM, Jobs	Fixed issue with LANCOM devices. Backup jobs did not work correctly for these devices. Related ticket number: Ticket#2023112410000033. Also included in versions: 24 SP1
Server, Vendor Support, NCCM, Jobs	Fixed issue with Zyxel devices. Backup jobs and configuration jobs did not work correctly. Related ticket number: Ticket#2024041910000019. Also included in versions: 24 SP5
Server, Vendor Support, NCCM, Jobs	Fixed issue with Cisco SD WAN devices. Backups did not work correctly because they only contained the first 1000 lines of the device configuration. Related ticket number: Ticket#2024091010000044. Also included in versions: 24 SP7
Server, Vendor Support, Templates	Fixed issue in power supply measurements for Huawei devices. The measurement showed an alarm when the power supply was working and vice versa. Related ticket number: Ticket#2024061210000028. Also included in versions: 24 SP5
Server, Weather Maps	Fixed issue in Weather Map node statistics. The "Last Measurement Value" option did not work correctly for relative interface traffic statistics. Also included in versions: 12 SP11, 24 SP1
Server, Weather Maps	Fixed issue when reading the last measurement value from the database. This increases the performance, for example in Weather Maps that use statistics or dynamic link widths. Also included in versions: 24 SP2
Server, Weather Maps	Fixed issue in Weather Maps. If links were obsolete because at least on of their endpoints was missing, the links were not removed correctly from the Weather Map in some cases. Related ticket number: Ticket#2024030610000018. Also included in versions: 24 SP2
StableNet® Portal	Fixed some minor issues related to context menus. Also included in versions: 24 SP1
StableNet® Portal	Fixed issue when modifying the default dashboard of the logged-in user. The modification was not possible without the "Modify Users and Groups (Global)" role. The role is no longer necessary. Related ticket number: Ticket#2024052210000056. Also included in versions: 24 SP4
StableNet® Portal	Fixed issue in the device backups view. The "Default Inventory Tree" was selected by default instead of the "Default Backups Tree". Also included in versions: 24 SP1
StableNet® Portal	Fixed issues in the alarms & events view. The coloring in the trap and syslog table did not work correctly for some columns. Also included in versions: 24 SP6
StableNet® Portal	Fixed issue when copying tag filters from table columns. The tag filter was not copied correctly. Also included in versions: 24 SP2
StableNet® Portal	Fixed issue when deleting a key from a Global Variable Store. Also included in versions: 24 SP2

Bugfixes	
StableNet® Portal	Fixed issue in the alarms & events view. If the license for distributed syslog management was missing, the normal syslogs were not displayed correctly. Also included in versions: 24 SP2
StableNet® Portal	Fixed issue when refreshing a tag tree. The selection got lost. Also included in versions: 24 SP2
StableNet® Portal	Fixed issue when exporting the content of a table. In some cases, the filtering was not applied correctly to the exported data. Also included in versions: 24 SP2
StableNet® Portal	Fixed issue when modifying a maintenance. Maintenances in pending state could not be modified.
StableNet® Portal	Fixed issue in the syslog details dialog. Scrolling was not possible in the message text field. Related ticket number: Ticket#2024030810000014. Also included in versions: 24 SP2
StableNet® Portal	Fixed issue in the Template Editor. The HTML entity ampersand caused an incorrect warning. Also included in versions: 24 SP5
StableNet® Portal	Fixed issue in the StableNet® Enterprise version. Not all StableNet® Agents were visible to all users. Also included in versions: 24 SP3
StableNet® Portal	Fixed issue in the Template Editor. In some cases, properties of already existing inputs were lost when using the inputs analyzer. Also included in versions: 24 SP5
StableNet® Portal	Fixed issue in the Device Dashboard. Sorting interfaces by the "Speed" column was not possible. Also included in versions: 24 SP5
StableNet® Portal	Fixed issue in the Template Editor. When using Firefox, editing XML attributes sometimes caused an error. Also included in versions: 24 SP5
StableNet® Portal	Fixed issue when filtering on monitor state columns. In some cases, other states as the selected ones were also displayed. Also included in versions: 24 SP5
StableNet® Portal	Fixed issue in the device backups view. In some cases, loading the data from the server took a long time. Related ticket number: Ticket#2024062010000058. Also included in versions: 24 SP5
StableNet® Portal	Fixed issue in the device backups view. Loading the necessary data from the server could take a long time. Related ticket number: Ticket#2024062010000058. Also included in versions: 24 SP5
StableNet® Portal	Fixed when modifying Device Info Commands. Changing the external key did not work correctly. Also included in versions: 24 SP5
StableNet® Portal	Fixed issue in the dashboard view. Jumping to the default dashboard of a user did not work correctly.
StableNet® Portal	Fixed issue in the display of interface names. In some cases, not the whole interface name was shown.

Bugfixes	
StableNet® Portal	Fixed issue in the jobs view. If a user had view rights for a job but no modify rights, the context menu was missing the "View" entry.
StableNet® Portal	Fixed issue in the Agents view. Deleting Agents was not possible if the Agent was still used to monitor devices.
StableNet® Portal, Alarming	Fixed issue in the alarms & events view. The values of action events were not formatted correctly. Also included in versions: 24 SP3
StableNet® Portal, Alarming	Fixed issue in the alarms & events view. The comment column showed the ID of the root cause alarm. Also included in versions: 24 SP3
StableNet® Portal, Alarming	Fixed issue in the alarms & events view. The state of "OK" action events was displayed incorrectly. Also included in versions: 24 SP4
StableNet® Portal, Alarming	Fixed issue in the alarms & events view. Not all alarm comments were displayed.
StableNet® Portal, Alarming	Fixed issue in the alarms & events view. Special alarm types like noise alarms or repeated alarms were not displayed correctly.
StableNet® Portal, Alarming, Dashboard	Fixed issue in the open alarms dashboard. Alarm symptoms were not shown in the alarm details dialog. Also included in versions: 24 SP2
StableNet® Portal, Analyzer	Fixed issue when exporting tables in the Analyzer and the Group Analyzer. The Excel export was missing some functionality, e.g. filtering on the columns. Also included in versions: 24 SP2
StableNet® Portal, Analyzer	Fixed issue in the Group Analyzer. The zoom functionality of SLA markers did not work correctly in some cases. Also included in versions: 24 SP6
StableNet® Portal, Analyzer	Fixed issue in the Category Analyzer. Opening the chart via the plot servlet did not work correctly in rare cases. Also included in versions: 24 SP6
StableNet® Portal, Analyzer	Fixed issue in the Category Analyzer. The drill-down did not work correctly. Also included in versions: 24 SP1
StableNet® Portal, Analyzer	Fixed issue in the Analyzer. In some cases, multiple axis were shown for the same unit type, e.g. MBit/s and GBit/s. Related ticket number: Ticket#2024011710000037.
StableNet® Portal, Analyzer	Fixed issue in the Group Analyzer. The chart legend was missing. Also included in versions: 24 SP3
StableNet® Portal, Analyzer	Fixed issue in the Category Analyzer. Filtering using the severity did not work correctly. Also included in versions: 24 SP1
StableNet® Portal, Analyzer	Fixed issue in the device analyzer view. Date formatting did not work correctly. Also included in versions: 24 SP4
StableNet® Portal, Analyzer	Fixed issue in the Group Analyzer. In rare cases, only one measurement was displayed even though multiple measurements were selected.

Bugfixes	
StableNet® Portal, Analyzer	Fixed issue with interface bandwidth charts in the Analyzer. If the chart was opened via the plot servlet, the SLA markers were positioned incorrectly. Related ticket number: Ticket#2024071710000035. Also included in versions: 24 SP7
StableNet® Portal, Analyzer	Fixed issue in the Group Analyzer. Setting the tag filter did not work correctly. Only measurement tags were available for selection.
StableNet® Portal, Analyzer	Fixed issue in the Analyzer. When removing a custom title in the override settings, reverting to the default title did not work correctly. Related ticket number: Ticket#2024110810000062.
StableNet® Portal, Charts	Fixed issue in pie charts. Small sections were not rendered correctly. Related ticket number: Ticket#2024021610000037. Also included in versions: 24 SP2
StableNet® Portal, Dashboard	Fixed issue in the open alarms table widget for dashboards. The "Show Symptoms" option did not have any effect. Also included in versions: 24 SP1
StableNet® Portal, Dashboard	Fixed issue in dashboards. The monitor table option in the status widget did not work correctly. Too many columns were displayed and the severity level filter was not applied correctly. Also included in versions: 24 SP1
StableNet® Portal, Dashboard	Fixed issue in dashboards. The root cause AI widget did not provide the possibility to open the web link or the linked dashboard. Also included in versions: 24 SP5
StableNet® Portal, Dashboard	Fixed issue in dashboards. The open alarm table widget and the status widget did not have the global table search field. Also included in versions: 24 SP1
StableNet® Portal, Dashboard	Fixed issue in dashboards. In the open alarms widget sorting was not possible for some of the columns. Also included in versions: 24 SP5
StableNet® Portal, Dashboard	Fixed issue in the status widget. If the severity level filter was set to "Informational" the status widget did not work. Also included in versions: 24 SP4
StableNet® Portal, Dashboard	Fixed issue in dashboards. The open alarms widget and the root cause AI widget did not provide the possibility to open the open alarms in a new window. Related ticket number: Ticket#2024051410000035. Also included in versions: 24 SP5
StableNet® Portal, Dashboard	Fixed issue in dashboards. In the open alarms table widget a column was missing in rare cases. Also included in versions: 24 SP5
StableNet® Portal, Dashboard	Fixed issue in the dashboards view. In rare cases, Weather Map widgets were not loaded correctly.
StableNet® Portal, Database Variables	Fixed issue when testing database variables. The placeholder expansion did not work correctly. Also included in versions: 24 SP1
StableNet® Portal, Database Variables	Fixed issue when testing a database variable. Reference placeholders were not updated correctly when a device was selected. Also included in versions: 24 SP3
StableNet® Portal, Default Properties	Fixed issue with the default properties for the maintenance wizard. They were not applied correctly to the maintenance wizard when creating a new maintenance. Related ticket number: Ticket#2023121210000027. Also included in versions: 24 SP1

Bugfixes	
StableNet® Portal, Device Info Commands	Fixed issue when modifying Device Info Commands. The changes were not stored correctly. Also included in versions: 24 SP1
StableNet® Portal, Events	Fixed issue in the alarms & events view. When switching between the tabs, the column selection got lost. Also included in versions: 24 SP1
StableNet® Portal, Geo Map	Fixed issue in the geo map view. The automatic update did not work correctly in some cases. Also included in versions: 24 SP6
StableNet® Portal, Geo Map	Fixed issue in the device geo map view. "NoData Combined" alarms were not filtered correctly when specifying a node filter. Also included in versions: 24 SP3
StableNet® Portal, Inventory	Fixed issue in the neighborhood tab of the Device Dashboard view. Hiding the links reset the order of the layering. Also included in versions: 24 SP1
StableNet® Portal, Inventory	Fixed issue when sorting a table using a column with a monitor state. The resulting order was not correct. Also included in versions: 24 SP3
StableNet® Portal, Inventory	Fixed issue in the Device Dashboard. Some charts showed gaps in the measurement data. Also included in versions: 24 SP3
StableNet® Portal, Inventory	Fixed issue in the Device Dashboard view. WMI measurements were not plotted correctly. Also included in versions: 24 SP4
StableNet® Portal, Inventory	Fixed issue in the health tab of the Device Dashboard view. The monitor states were not loaded correctly. Also included in versions: 24 SP3
StableNet® Portal, Inventory	Fixed issue in the devices view. Filtering for the device domain caused an error. Also included in versions: 24 SP4
StableNet® Portal, Inventory	Fixed issue in the Device Dashboard view. Some charts were not displayed correctly. Also included in versions: 24 SP3
StableNet® Portal, Inventory, Tagging	Fixed issue in the devices view. Not all optional tag categories specified in the default properties were contained in the table. Related ticket number: Ticket#2024072310000014. Also included in versions: 24 SP6
StableNet® Portal, Jobs	Fixed issue in the job analyzer. In some cases, the status of the job result was "result pending" instead of the actual status. Also included in versions: 24 SP4
StableNet® Portal, Jobs	Fixed issue in the wizard for Template-Based Configuration Jobs. The template description was not displayed. Also included in versions: 24 SP1
StableNet® Portal, Jobs	Fixed issue in the job wizard for Backup Jobs. If the job used a backup script, only scripts that were known to the StableNet® Server could be selected. Now any script name is allowed to support scripts which are only available on some StableNet® Agents. Also included in versions: 24 SP2
StableNet® Portal, Jobs	Fixed issue when deploying a job whose start time is in the future. The job was not started correctly. Also included in versions: 24 SP4

Bugfixes	
StableNet® Portal, Jobs	Fixed issue in the "Show Used Placeholders" functionality for jobs. It did not work correctly for Snippet-Based Configuration Jobs. Also included in versions: 24 SP1
StableNet® Portal, Jobs	Fixed issue in the placeholder analysis. The analysis did not work correctly for all job types. Also included in versions: 24 SP6
StableNet® Portal, Jobs	Fixed issue in the job wizard. The external key was missing. Also included in versions: 24 SP2
StableNet® Portal, Jobs	Fixed issue when creating jobs. The job types in the create menu were not filtered by the licensed job types. Also included in versions: 24 SP3
StableNet® Portal, Jobs	Fixed issue in the job wizard for connectivity discovery jobs. In the connectivity settings the validators did not work correctly in some cases. Also included in versions: 24 SP3
StableNet® Portal, Jobs	Fixed issue when cloning jobs. The external key was taken from the cloned job instead of generating a new one. Related ticket number: Ticket#2024071710000026. Also included in versions: 24 SP5
StableNet® Portal, Jobs	Fixed issue when creating or modifying template-based jobs. Input parameters were not stored correctly for input elements related to interfaces.
StableNet® Portal, Jobs	Fixed issue when modifying a discovery job. The WMI settings were not stored correctly in some cases.
StableNet® Portal, Jobs	Fixed issue in the job analyzer. If the label of a job result was too long, it was not fully displayed.
StableNet® Portal, Jobs	Fixed issue in the job analyzer. Filtering via the label did not work correctly.
StableNet® Portal, Jobs	Fixed issue in the jobs view. The table selection was lost after the automatic table update.
StableNet® Portal, Live Data	Fixed issue in the device live data view. The template selection only showed 100 versions of each SNMP live template.
StableNet® Portal, Maintenances	Fixed issue in the maintenance wizard. In the affected measurements table, filtering and sorting did not work correctly. Also included in versions: 24 SP5
StableNet® Portal, Maintenances	Fixed issue when deleting maintenances. The user group role "All Maintenance Rights" was required to delete maintenances, which was not correct. Related ticket number: Ticket#2024020210000036. Also included in versions: 24 SP1
StableNet® Portal, NCCM	Fixed issue with Global Variable Stores. To interact with Global Variable Stores, the "resource management" license was necessary. This is no longer the case. Related ticket number: Ticket#2024020510000012. Also included in versions: 24 SP1
StableNet® Portal, Reporting	Fixed issue in the reports view. The "User" column was missing. Also included in versions: 24 SP1

Bugfixes	
StableNet® Portal, Snippets	Fixed issue in the Config Snippet view. The "Latest Only" filter was applied incorrectly in some cases. Also included in versions: 24 SP4
StableNet® Portal, Syslog Query	Fixed issue in the syslog query view. The syslog coloring did not work correctly. Also included in versions: 24 SP3
StableNet® Portal, Syslog Query	Fixed issue in the syslog query view. Selecting a syslog template via the tag tree selection caused an error. Also included in versions: 24 SP4
StableNet® Portal, Tagging	Fixed issue in the taggables view. The chosen column order was not used when exporting the table. Also included in versions: 24 SP1
StableNet® Portal, Tagging	Fixed issue when defining tag filters. If a reference tag filter was used, the content of the reference filter was stored instead of the reference filter itself. Also included in versions: 24 SP1
StableNet® Portal, Tagging	Fixed issue when defining tag filters. In some cases, the tag filter value was not displayed correctly in the filter list. Also included in versions: 24 SP5
StableNet® Portal, Tagging	Fixed issue in the tag tree configuration wizard. In some cases, opening the tag filter preview caused an error. Also included in versions: 24 SP8
StableNet® Portal, Tagging	Fixed issue in the tag tree configuration wizard. Setting the missing tag action in the tree structure step did not work correctly.
StableNet® Portal, Templates	Fixed issue in the Template Manager and the Template Editor. When importing templates with "tab" characters, the StableNet® Portal could become unresponsive. Related ticket number: Ticket#2023113010000012. Also included in versions: 24 SP1
StableNet® Portal, Templates	Fixed issue in the Template Editor. Setting a description while creating a new template did not work correctly for some template types.
StableNet® Portal, Templates	Fixed issue in the Template Editor. In discovery templates, the auto-completion for some device attributes did not work correctly. Related ticket number: Ticket#2024103110000011.
StableNet® Portal, Templates	Fixed issue in the Template Editor. Filtering via the template type did not work correctly if the user did not have the rights to modify templates.
StableNet® Portal, Usability	Fixed issue in time selection input fields. The auto-completion was too fast and made it hard to specify a time. Also included in versions: 24 SP2
StableNet® Portal, Usability, User Group Roles	Fixed various issues related to missing user rights. A lot of actions are no longer displayed if the user does not have the necessary rights.
StableNet® Portal, User Group Roles	Fixed issue when assigning user group roles. The role dependencies were ignored. Also included in versions: 24 SP1
StableNet® Portal, User Group Roles	Fixed issue in the role selection for user groups. The roles that are included with other roles were not selected automatically. Also included in versions: 24 SP6

Bugfixes	
StableNet® Portal, User Management	Fixed issue when assigning user group roles to user groups. After adding a role, the scroll position of the table was lost. Also included in versions: 24 SP3
StableNet® Portal, User Management	Fixed issue in the user management. It was possible to modify the roles of the read-only "Administrator" group. Also included in versions: 24 SP6
StableNet® Portal, Weather Maps	Fixed issue with shortcuts in the Weather Map view. Shortcuts did not work correctly on macOS.
StableNet® Portal, Weather Maps	Fixed issue in the Weather Maps view. In some cases, the user was notified about unsaved changes, even if no changes were made.
StableNet® Portal, Weather Maps	Fixed issue in the Weather Map node options. If a node statistic was invalid because the referenced monitor or measurement was missing, the node statistic was not displayed at all. Also included in versions: 24 SP3
StableNet® Portal, Weather Maps	Fixed issue when creating Weather Maps. The icon of added devices was not correct. Also included in versions: 24 SP1
StableNet® Portal, Weather Maps	Fixed issue in Weather Maps. In some cases, the name of a Weather Map nodes were not displayed. Also included in versions: 24 SP1
StableNet® Portal, Weather Maps	Fixed issue when copying and pasting Weather Map nodes that are part of a group node. Also included in versions: 24 SP4
StableNet® Portal, Weather Maps	Fixed issue in the Weather Map wizard. The link traffic options were always displayed even if the "capacity-metric" module was not licensed. Also included in versions: 24 SP1
StableNet® Portal, Weather Maps	Fixed issue in Weather Maps. Jumping to the destination interface of a link instead jumped to the source interface. Also included in versions: 24 SP6
StableNet® Portal, Weather Maps	Fixed issue in the Weather Maps view. Analyzer links created in the Rich Client GUI could not be parsed by the tooltip generator.
StableNet® Portal, Weather Maps	Fixed issue in the Weather Maps view. In some cases, the link filter was not applied correctly.

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