



RELEASE

764

August 2022

These release notes describe new features, improvements and bug fixes in **Pandora FMS NG 764 RRR (Regular Rolling Release)**. They also provide information about upgrades and describe workarounds for known issues.

For more information on previous versions, visit the [release notes](#) section on our website.

For information about minimum system requirements, visit the [installation section in our official documentation](#).

VERSION UPDATE

[New features and improvements](#)

[How to update Pandora FMS](#)

[Known changes and limitations](#)

[Changes and improvements](#)

[Bug fixes](#)

[Documentation update](#)

[Legal information](#)

Versión NG 764 RRR

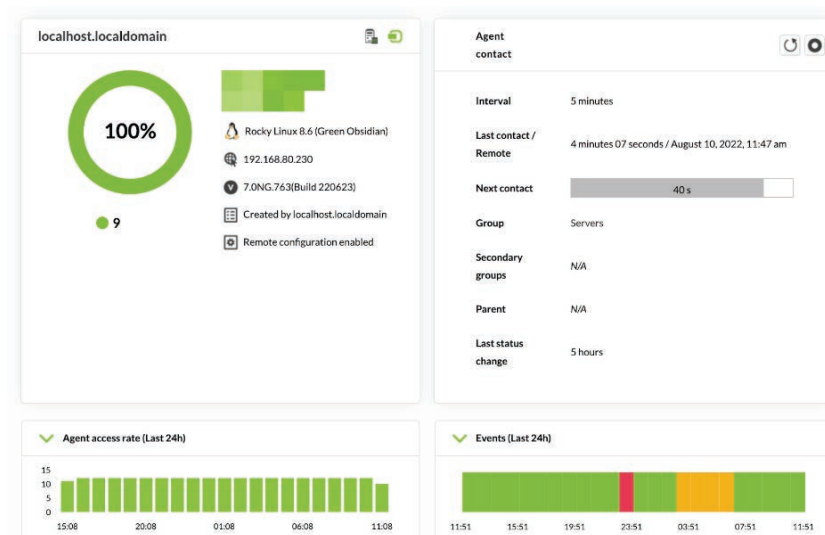
This is a minor update with new functionalities and features. The latest version with maximum stability is **Pandora FMS 762 AKIRA LTS (Long Term Support)**.

Regular releases (RRR) are monthly releases that bring together many changes and new functionalities. They are ideal for those users who need to be up to date and are not afraid of finding some unpolished detail. The LTS versions are oriented to consolidate all the changes of the RRR versions and offer maximum stability.

New features and improvements

New data representation in agent view

Improved display of statuses and data in the main view of an agent:





How to update Pandora FMS

There are several ways to update Pandora FMS console:

- » **Through Update Manager**, in Pandora FMS console itself, automatically (it requires console internet connection).
- » **Through Update Manager**, in Pandora FMS console itself, manually, through OUM update files.
- » **By manually installing packages** (rpm, deb...) and later updating the console through the web interface.

The server will have to be manually updated through RPM or tarball packages.

You can find more information about Pandora FMS downloads on our website:

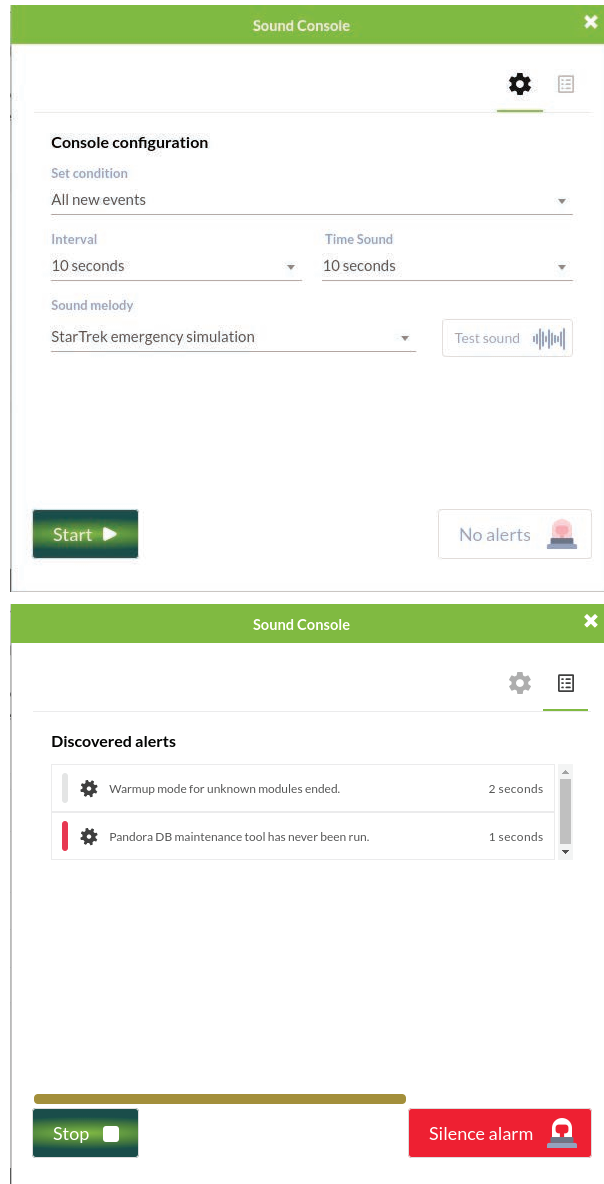
OpenSource version [↗](#) packages.

Enterprise version [↗](#) packages.

For detailed information and the steps to follow to update each item, classified by operating systems, [go to our Wiki](#)

New graphical interface of the sound events console

The sound events console has been modified to separate event configuration from their display. It now shows a progress bar over time until the next refresh and has improved usability in controls, filtering and selection.



IPAM from Satellite

From this version it is possible to define IPAM network scanning from the Satellite server, indicating it in the Satellite's server configuration file.

Network	192.168.80.0/24
Name	Red-80
Discovery server	None
Manual IPAM network (Discovery server set to None)	



Other resources for your interest

Documentation of Pandora FMS online [↗](#)

Plugin Library [↗](#)

Pandora FMS official technical support [↗](#)

Scheduled agent autoconfiguration application

Added the ability to perform a programming to apply Command Center agent auto-configuration rules automatically.

Autoconfiguration

Name Auto-WindowsServer_Policy

Description

Execution Scheduled

Periodicity type: Weekly

Set time Mon Tue Wed Thu Fri Sat Sun

From hour: 20:00:00

> Rules

> Agent autoconfiguration

> Extra actions

Satellite Server Visual Interface (GUI)

The possibility of configuring the Satellite server remotely from the server view has been incorporated. A dynamic search has also been added within the different tokens to speed up the configuration process.

REMOTE CONFIGURATION

Dynamic search

General server configuration

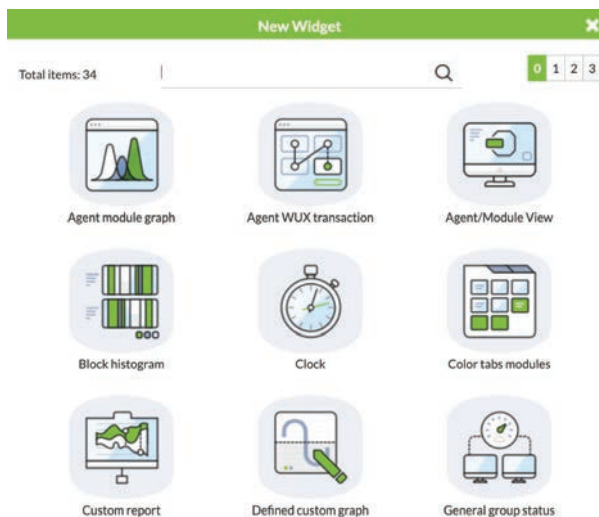
Agent configuration files directory	/etc/pandora/conf	<input checked="" type="checkbox"/>
Agent block	50	<input checked="" type="checkbox"/>
Agent interval	300	<input checked="" type="checkbox"/>
Agent threads	4	<input checked="" type="checkbox"/>
ICMP subnets blacklist	192.168.0.0/24,8.8.	<input type="checkbox"/>
SNMP subnets blacklist	192.168.0.0/24,8.8.	<input type="checkbox"/>
WMI subnets blacklist	192.168.0.0/24,8.8.	<input checked="" type="checkbox"/>
Path to braa binary	/usr/bin/braa	<input checked="" type="checkbox"/>
Credential password		<input type="checkbox"/>
Remote configuration check interval	300	<input checked="" type="checkbox"/>
Daemon	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dynamic inc	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Exec interval	300	<input checked="" type="checkbox"/>

Pandora WMIC package for ARM systems

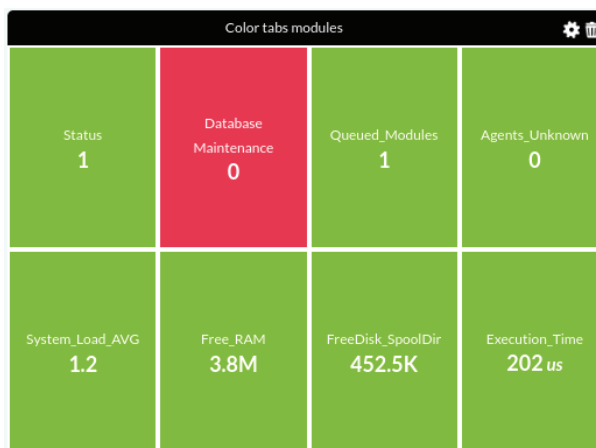
Available as an RPM package and DEB in our community [download section](#), in the “Other utilities and dependencies” section.

New features and improvements

New dashboard widget: “Color Tabs”



A new widget has been added to Dashboards. With the “Color Tabs” widget you may choose up to a maximum of 10 modules that will be represented horizontally showing its name, data and status.



PLUGIN - OPEN

Cisco IP SLA plugin support with snmpv3 and snmpv2c

Added support for snmpv2c and snmpv3 to the plugin.

[See in library >](#)



PLUGIN - OPEN

Cisco ironports

New plugin to monitor Cisco Ironport Antispam.

[See in library >](#)

New features and improvements



PLUGIN - ENTERPRISE

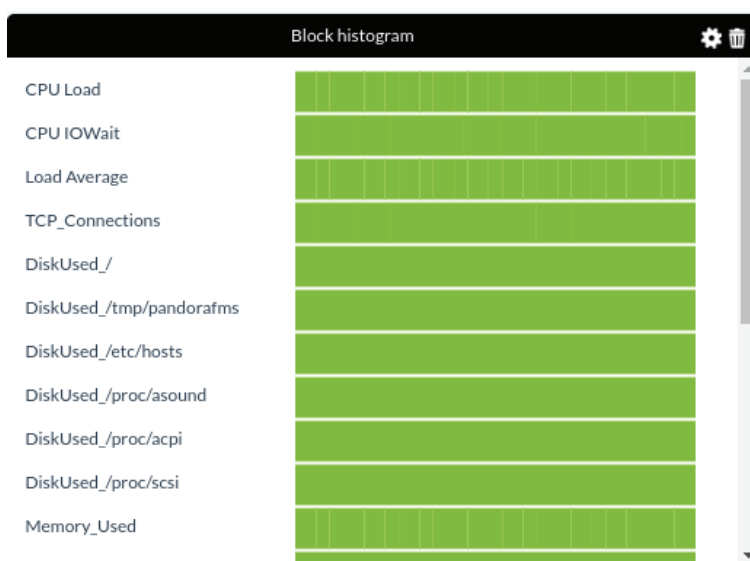
SAP Hana Database

Plugin to monitor SAP HANA Database using custom queries that can be defined in a file. The plugin comes with a file with default queries but can be edited for a custom execution suitable for each case.

[See in library >](#)

New dashboard widget: “Block Histogram”

A new widget has been added to Dashboards. With the “Block Histogram” widget you may choose as many modules as you want to represent their histogram in the same table.



New report server

A new report server has been incorporated, which works as a reporting-only console. It allows you to create very large and numerous reports in the background and store them on disk or send them by mail.

Console only reporting node



Info

Version: 763
Mtr: 25
Memory limit: -1
Php version: 8.0.15

Known changes and limitations

Event configuration

The event settings menu is now displaced, you can find it within the settings menu of Pandora FMS console.

Changes and improvements

Support #	GitLab #	Description
N/A	9151	The width of the selectors has been increased in the scheduled shutdowns
N/A	7683	Enabled token to disable automatic update of agent primary IP and for only secondary IPs to be updated
N/A	8942	Added button to filter secondary events with recursion
N/A	9355	Modified the IPAM view to be able to create tasks without selecting a server
N/A	8756	Including the ability to perform IPAM tasks from Satellite servers
N/A	8545	Added satellite agent management remotely from Pandora FMS console
N/A	8544	Added satellite agent management remotely from Pandora FMS console
N/A	6367	Added token for performing reporting tasks at the same time in an external console so as not to reduce the performance of the main console
N/A	9045	Modified the restricted access message when it is not logged in to redirect to the console login URL
N/A	9044	Improved the interface of the copy tool of remote configurations
N/A	9043	Improved the error message when it is not possible to display a File Manager file from console
N/A	9199	Added TIP in event alert recovery to indicate that macros are not available in recovery
N/A	9175	Modified the "Administrator" token in user editing so that only administrator users can modify it
13875	9156	Reduced "processing" sales in event view loading
N/A	9129	Extended Top-N reporting feature for bulk agent/module inclusion via regex
N/A	9095	Modified event sound console interface for better configuration and display
N/A	9093	Increasing the width of the alert action selector
N/A	9089	Moved the event settings option to the console settings menu
N/A	9033	Modified the validation of grouped events so that they are all validated by giving that option
N/A	9029	Refactored agent view for better information display

Changes and improvements

Support #	GitLab #	Description
N/A	8939	Modified the information load in the event view to increase its performance
N/A	8929	Added the group recursion option in the "General group stats" widget in Dashboards
N/A	8889	Added the option of redirecting the external user link in mobile version
N/A	8884	Added OS update through network recognition if obtainable by SNMP
N/A	8827/8750	Visual changes made to Dashboard widgets for better data representation, as well as improvements to widget settings
N/A	8812	Adapted Wizard WMI for using pandorawmic binary
13405	8797	Added the possibility of reordering fields in the alerts view in Command Center, as well as redirecting agents by clicking on it
13353	8769	Modified user permissions on node to be able to edit the agents of any node when being an administrator user in the Command Center
N/A	8768	Removed status dot in the section Setup -> Enterprise since it is a node not linked to a Command Center
N/A	8763	Added ability to filter by group in tactical view widget in dashboards
12679	8249	Added text filtering in the services tree view to search by name and description
N/A	8043	Changed event grouping so that it does not only group by status
13230	8732	Added the ability to apply agent auto-configuration rules on a scheduled basis
N/A	9204	Updated log_event_open_plugin plugin
N/A	9174	Added new event when a failure is obtained in the execution of pandora_db when it has been in failure for more than 1 day
N/A	9096	Added Cisco Ironport Antispam plugin
13679	9075	Added Cisco IPSLA plugin support for snmp v3
N/A	8762	Added token for alertserver alert queueing control
N/A	8621	Creation of new "Color tabs" widget
N/A	8618	Creating a new "Block histogram" widget
N/A	8536	Added Azure monitoring improvements
N/A	8302	Added token in visual styles section to only show groups with data in group view
12671	8252	Included the option of classifying fields in the configuration of event custom fields
N/A	7960	Added the possibility of saving filtering in the event sound console
10715	6357	Improved SAP HANA plugin to add custom queries
N/A	1419	Added the possibility of including thresholds in graphs in PDF reports

Bug fixes

Support #	GitLab #	Description
N/A	9357	Corrected result display of IPAM tasks with PHP 8
12764	9310	Denied possible creation of invalid IPAM networks
12764	9309	Fixed removing range from a network when creating a supernet
13952	9282	Fixed loss of IPAM filtering when switching tabs
13837	9207	Fixed patching using regex on web modules
N/A	9191	Correction in title of user notifications
N/A	9062	Translated certain warning message pop-ups
N/A	8814	Fixed the installation of windows satellite server
N/A	9238	Changed translations in report widgets in dashboards
13986	9307	Fixed error 500 in mobile view with php 7.2
N/A	9305	Fixed event incorrect grouping failure in event comments
N/A	9304	Fixed event view custom data column sampling
N/A	9290	Fixed Mysql error when searching for events by custom data column
13964	9284	Fixed event creation using API calls
N/A	9283	Fixed redirection of a visual console of the Metaconsole to a node agent in mobile version
N/A	9281	Fixed error 500 in the agent view in the mobile version
N/A	9280	Fixed access to users without permissions to nodes in mobile version
N/A	9279	Fixed double refreshment by having the auto refreshment function in Command center
13735	9278/9121	Fixed non-representation of agent/module name when creating a graph in agent view
N/A	9273	Fixed the configuration display of the history database when it is not possible to access its configured IP
N/A	9272	Updated the event merger process in the Command Center
13720	9264	Fixed the creation of scheduled reporting tasks so that invalid agents cannot be entered
13892	9257	Modified report creation so that there is no error 500 if any of its items do not have data
13886	9245/9231	Modified event response view so that it does not include privileged information
N/A	9230	Fixed code version update in footer

Bug fixes

Support #	GitLab #	Description
13851	9224	Solved policy auto application by group when a group is assigned to several policies
N/A	9223	Fixed Sunburst display in the Command Center
N/A	9213	Fixed dashboard blockade when a report that was included in dashboard is deleted
N/A	9212	Fixed the lack of options in the extensions menu of Command Center
13849	9210	Fixed SQL error in the tag view with PHP 8
N/A	9187	Fixed the "Os quick report" widget in the Command Center
N/A	9158	Fixed clock display on a visual console when resizing
13709	9157	Fixed rounding to the minute in the creation of alert templates where the established seconds were not taken into account
13774	9147	Fixed error changing values in the list of elements of the visual console when modifying some element
N/A	9145	Corrected the change of new license in the corresponding files when it is made from the expired license option
13912	9140	Fixed comment display for LDAP users in grouped events
13732	9132	Solved the display of modules belonging to other groups when making scheduled downtimes with restricted users
N/A	9125	Corrected graph creation from the agent view where they were always created with the same type of graph
13723	9114	Fixed alert command creation option error for Pandora FMS Administrator users
N/A	9104	Fixed multiple selection on filtered items in mass operations
13724	9101	Fixed widget editing with a user with operator write permissions
13692	9085	Fixed special-day list editing for a Pandora FMS Administrator user
N/A	9079	Fixed SQL query items in Command Center reports using the node history database
13559	9019	Corrected "case sensitive" in user login through LDAP
N/A	9009	Fixed bug of displaying different statuses in dashboard widgets
N/A	8990	Fixed filtering in software agent repository
13630	8984	Fixed alert template counting to take into account user permissions
N/A	8955	Added error message for Satellite server SHH modules to warn that they cannot be created on servers with MSWin32
N/A	8954	Corrected WMI recon for disk modules on the Satellite server
N/A	8943	Fixed SNMP v3 recon for Windows on the Satellite server
12538	8845	Fixed issues in Pandora_Plugin_SQL.ps1 plugin
N/A	8836	Fixed error creating macros on base64

Bug fixes


Support #	GitLab #	Description
13023	8792	Changed the agent log rotation so that the pointer starts again at 0
N/A	8787	Fixed backup creation from Command Center using discovery tasks
N/A	8588	Corrected report filtering so that when filtering by text it takes into account group filtering additionally
13078	8522	Modified element editing of a service to be able to change any parameter thereof

Documentation update

Case #	GitLab #	Description
N/A	9353	Added documentation of the remote configuration of the Satellite server in the graphical interface
N/A	8640	Pandora UX documentation refactored
N/A	9356	Updated update documentation
N/A	9336	Added documentation for installation with new perl-Crypt-SSLeay dependency
N/A	9293	Updated Pandora FMS version documentation
N/A	9258	Added information on access requirements to pages and ports for the installation of the product online
N/A	9236	Added password encryption documentation for the VMWare plugin
N/A	9234	Updated Pandora FMS training in the tool's installation section
13866	9228	Deleted the tool's obsolete information
N/A	9217	History database information updated.
N/A	9216	Added documentation for configuring a second LDAP server for authentication
N/A	9215	Added heatmap view documentation
N/A	9195	Added Sunburst widget documentation
N/A	9190	Added service evaluation token documentation
N/A	9027	Added Block Histogram widget documentation
N/A	9014	Added Color Tabs widget documentation
N/A	8987	Added documentation of the thresholds option when representing a graph in a report
N/A	9358	Added report server documentation



Remember that you can install the official **Pandora FMS** update through the Update Manager:

Update 

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