



RELEASE

753

April 2021

These release notes describe new features, improvements and fixed issues in Pandora FMS NG 753. They also provide information about upgrades and describe some 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](#).

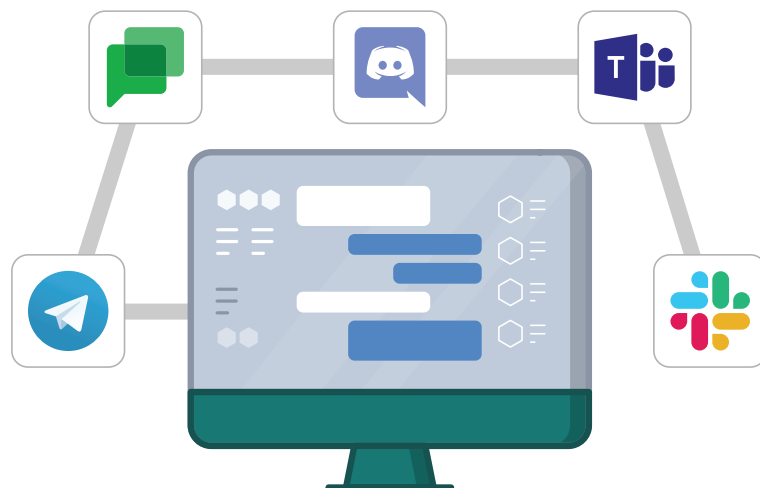
VERSION UPDATE

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New features and improvements

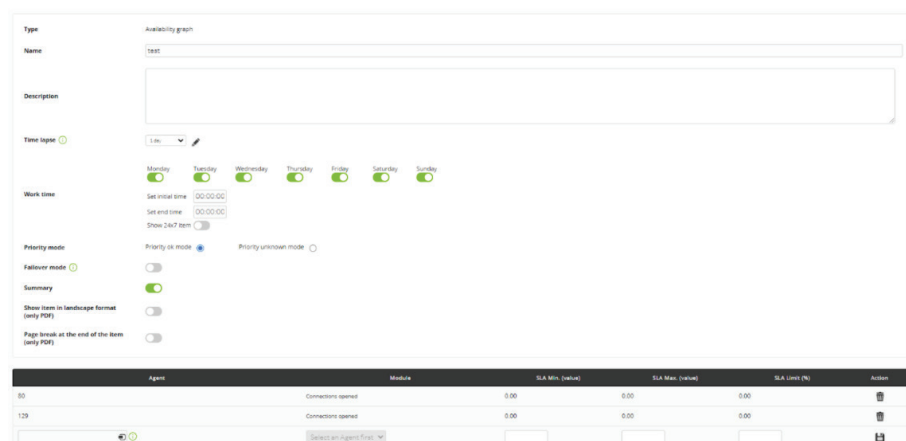
New integrations

Added new plugins to the module library for integration with: Telegram, Google chat, Discord, MStears, and Slack.



New media token in Availability Graph

A new token has been added to the availability graph to obtain the average result of both the selected modules and the failovers associated with them.





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](#)

Improved histogram in reports

By means of this new item, it will be possible to see the status of the module within the configured parameters in a histogram table.



New event widget configuration fields

The possibility of using recursion within group filtering has been added. Added columns for groups and tags and the possibility of loading a saved event filter within the widget.

Retrieve selenium variable as new module

The possibility of generating new modules from the getValue variable within a WUX module with selenium has been added.

Known changes and limitations

Network tools configuration location change

The location of the network tools tokens found in the setup section has been changed to its own tab called External Tools.

Modification of the creation of scheduled shutdowns

The steps for creating planned shutdowns have been changed to not add agents/modules once created but during creation.

Satellite configuration unification

The credentials box to be used within satellite servers has been unified within its configuration.

Historical database configuration unification

All the history database tokens on the menu have been unified, both the access data and the cleaning and maintenance data.



Other resources for your interest

[Documentation of Pandora FMS online](#)

[Plugin Library](#)

[Pandora FMS official technical support](#)

Fixed vulnerabilities

Thanks to the information provided by Rayen Messaoudi.

In this release, different entryways (XSS) to Pandora FMS code through the web browser in the following views have been solved:

Case#	GitLab #	Description
N/A	7062	In the section for creating new messages.

Feature extinction

- Removed marquee submenu in event view.
- NTA feature removed.

Changes and improvements

Case#	GitLab #	Description
11165	6877	Increased the limit of characters that can be used in a label in a custom chart.
N/A	6648	Added agent limit configuration token that can be added to a policy simultaneously in Metaconsole.
10863	6583	The elements of the visual consoles that are disabled will not count for the SLA of the same. Additionally, these elements will be seen transparently both in editing and visual console display.
N/A	6440	A token has been added to the Metaconsole to be able to configure the remote configuration path.
N/A	5537	Added "select all" token in snmp browser and report templates.
N/A	2561	Created API calls for creating/editing/deleting modules for policies.
N/A	6865	Added the ability to use groups configured with password within discovery tasks.
N/A	6846	Network tools configuration location change.
N/A	6232	Added new metrics available within the SNMP Wizard Interface.
N/A	5276	The steps for creating planned shutdowns have been changed to not add agents/modules once created but during creation.
N/A	7010	New event widget configuration fields added to dashboards.
N/A	6968	Changed the order of the service tree view, where it is currently sorted by description.
N/A	6890	Conditions for detecting SAP-type agents have been improved.

Changes and improvements

Case#	GitLab #	Description
N/A	6879	Modification of ACL permissions on inventory alerts. There will be 2 different ACLs, one for visualization and one for application.
11105	6839	Added API calls to enable or disable a discovery task.
N/A	6817	Added load spinner in module graph display.
N/A	6307	GetValue command inside a WUX module generates a module with the obtained value.
N/A	5284	Added new permissions that control the creation/editing/deletion of alert commands.
N/A	5140	Added new token in availability graph to get the average result.
N/A	5032	Added agent filtering in Omnishell.
N/A	4659	Added the possibility of mass disabling modules within the module management view of an agent.
N/A	7098	Added new report item "Histogram".
N/A	6852	Unified credential view of satellite servers within the general configuration.
8257	4336	Added the ability to enable or disable system status notifications independently.
11207	7031	Modified 2FA forcing, where if the forcing is imposed by the administrator, the rest of the users must configure it without the possibility of rejection.
N/A	6892	Added ACLs in discovery task list
N/A	6888	Removed button to create network map once clicked for the first time to avoid a double click in case it takes time to generate the map.
N/A	6660	A tooltip has been added within services, maps and tree views to show the name of the element even though it appears by description in the view
N/A	6559	When creating a policy module through the SNMP Browser, it will be created with "Force Primary IP".
N/A	5929	Performance and filling improvements have been made in Pandora FMS console and server logs.
N/A	5766	Added pagination inside the collection view in Metaconsole.
N/A	5760	Modified counting modules for each server for the notice of queuing, having to have a minimum of modules for it.
N/A	5700	Added data deletion trace from tgraph_source table in pandora_db.
N/A	5269	Added the ability to filter by alert status in the alert management view.
9304	5229	Added possibility of filtering in Group Event report in reports to exclude elements that match what was entered.
N/A	2689	Ldapsearch dependency included in Pandora FMS ISO.
N/A	6958	Added new plugins to the module library for integration with: telegram, google chat, discord, MStears and Slack.
N/A	6910	Added width token to use in get_module_graph api call.
N/A	4755	Modified the management, configuration and review of the historical database.
11184	6911	Updated Active Directory plugin for the Spanish version of Windows.

Changes and improvements

Case#	GitLab #	Description
10108/8529	4839	Updated JMX Enterprise plugin.
N/A	5331	Added monitoring through MSSQL discovery. **
10365	6106	Added explanatory help for CSV export from graph/module data table
N/A	6898	New integration features with Integria IMS. Tickets can be generated from Pandora FMS alerts, associating inventory objects with them.

Bug fixes

Case#	GitLab #	Description
N/A	7233	Fixed bug of lack of filtering by agent in policies on agents already added there.
N/A	7232	Fixed visual bug in alert command view in Metaconsole.
N/A	7231	Fixed visual bug in the visual console views in Metaconsole.
N/A	7229	Fixed the option to add an SQL query in those report items where it should not appear.
N/A	7228	Fixed visual bug in visual console list in the button to create a new visual console in Metaconsole.
N/A	7226	Fixed the visual bugs of the icons in the general search bar of the console.
N/A	7224	Fixed item redirections within visual consoles in Metaconsole.
N/A	7223	Fixed the inability to exit the Update Manager Offline window in case of uploading the wrong package.
N/A	7222	Fixed scaling of the Defined Custom Graph widget in dashboards.
N/A	7221/7164	Unification of icons in Pandora FMS console
N/A	7220	Fixed the Advanced menu of the Metaconsole for users with the 'AW' profile.
N/A	7219	Fixed the Group Status widget in dashboards where it was always blank.
N/A	7215	Fixed visual bugs in event detail view as well as the execution of event responses both in node and in Metaconsole.
N/A	7214	Fixed visual bugs of SLA reports, templates and service table view in Metaconsole.
N/A	7213	Removed sidebar in visual consoles when the entire visual console can be viewed without scrolling.
N/A	7210	Fixed the count of the configurable limit token in the last events widget in dashboards.
N/A	7209	Fixed creating new layers within GIS maps.
N/A	7208	Fixed visual glitches in group view.

Bug fixes

Case#	GitLab #	Description
N/A	7207	Fixed visual bugs in the relations section in the network maps.
N/A	7205	Fixed visual bugs in the default tactical view of Pandora FMS console.
N/A	7204	Fixed visual bugs in the Agents/Modules view.
N/A	7202	Fixed visual bugs in the different Discovery features.
N/A	7201	Fixed visual bug when wanting to show the last data of a module in the view of an agent.
N/A	7197	Fixed visual glitches in group view.
N/A	7196	Fixed visual bug in the creation of item SLA within reports.
N/A	7194	Fixed visual bugs in Metaconsole messages, as well as visual errors in agent wizards, modules and alerts.
N/A	7193	Fixed the submenus within the different discovery tasks whereby they were not always open when clicking on them.
11466	7192	Fixed the error whereby if a Group contained blank spaces, it could not be used in agents autoconfiguration.
N/A	7191	Fixed dimensioning of string modules in tree view
N/A	7150	Fixed visual icon of WUX modules.
11573	7189	Fixed the massive filling of pandora_server.error when having the Eventserver active without having alert correlation created.
N/A	7168	Fixed visual glitches in the tactical view in Metaconsole.
N/A	7185	Fixed visual bug in the display of additional information in the SNMP Browser.
N/A	7180	Fixed visual bug whereby the spinner was not seen within the SNMP Browser while the information was being loaded.
N/A	7174/7173	Fixed the display of the items to add in a visual console with the Black Theme enabled, as well as the items within them.
N/A	7171	Fixed the display of the icons within the monitor details view with the Black Theme enabled.
N/A	7170	Fixed visual bug of alert coloring within the tree view with Black Them enabled.
N/A	7167	Fixed visual glitches in several views of the Metaconsole.
N/A	7165	Fixed not displaying agents in policies both in node and in Metaconsole.
N/A	7163	Fixed the view of acceptance of terms and conditions in a new Pandora FMS installation.
N/A	7162	Fixed visual bugs within the list of remote components.
N/A	7160	Fixed the non-appearance of advanced options for v3 within the SNMP Browser.
N/A	7159	Fixed the creation of new local components.
N/A	7154	Fixed visual bugs inIntegria IMS view.
N/A	7152	Fixed visual glitches in user edit view.

Bug fixes

Case#	GitLab #	Description
N/A	7151	Fixed visual bugs in agent detail view and agent list.
N/A	7150	Fixed visual bug when canceling the edition of a dashboard whereby the edition of the dashboard appeared as a dashboard element.
N/A	7149	Fixed the impossibility of adding new cells within a dashboard.
N/A	7148	Visual bug fixes in Custom Graphs item in reports.
11543	7147	Fixed the impossibility of creating web modules through policies both in node and in Metaconsole.
N/A	7145	Fixed button scrolling in report item list.
N/A	7134	Fixed PDF icon in report view.
N/A	7132	Fixed Agents/Alerts view.
N/A	7130	Fixed visual bugs in transactional map view.
N/A	7126	Fixed theme selector token being missing in visual console settings.
N/A	7125	Fixed visual glitches in group view.
N/A	6781	Global review for styles unification within Pandora FMS console.
11478	7119	Fixed display of OID data in SNMP Browser.
N/A	7112	Overview of visual consoles and dashboards items.
11452	7102	Fixed disappearing refresh window on full screen visual consoles.
11454	7101	Visual console display fix in dashboards.
11457	7094	Fixed the "link enabled" token in visual consoles whereby it was always active.
10771	7090	Fixed hyperlinks in visual console labels.
11446	7089	Fixed the appearance of code traces in Pandora FMS console.
11447	7085	Fixed the labels within the combined graphs within the agent where the names of the modules were not displayed.
11436	7084	Fixed deletion of agents through agent wizard in Metaconsole in HA environments.
N/A	7081	Fixed visual error when trying to create a large number of modules using the SNMP Interface Wizard.
N/A	7071/7069	Fixed the Metaconsole "Block size for pagination" token.
N/A	7064	Fixed system messages and notifications appearing after creating a new system.
N/A	7058	Fixed display of license type.
11345	7033	Fixed event filtering in dashboard widget when tags were used.
N/A	7017	Fixed non-appearance of visual console buttons when creating a new visual console.

Bug fixes

Case#	GitLab #	Description
N/A	7007	Fixed visual crash when changing the font on a label.
N/A	6984	Modified the Pandora FMS log permissions for their correct display in the console.
11254	6979	Fix discovery tasks with special characters.
N/A	6976	Header correction in dashboard creation.
N/A	6975	Visual fix of “not” element of tree view widget in dashboard.
N/A	6974	Fixed SQL error in widget TOP N events in dashboards.
N/A	6973	Fixed the count of triggered alerts within the Group Status widget in dashboards.
N/A	6966	Fixed not displaying the validation date of an event in its details.
N/A	6965	Fixed deletion of agents through wizard in Metaconsole with standard user with Pandora Administrator profile.
11282	6955	Fixed visual bugs of event history widgets in dashboards.
N/A	6954	Fixed Module in table widget in dashboards.
N/A	6951	Fixed the cluster view for users who did not have permissions on the ALL group, despite having them on the necessary groups for display.
N/A	6950	Fixed visual glitch in netflow filtering.
N/A	6946	Fixed display of elements in Metaconsole with user with Group Coordinator profile.
11219	6945	Fixed SAP/HANA plugin for both Windows and Linux due to syntax errors.
N/A	6931	Fixed visual bug of header duplication in the list of remote components.
N/A	6929	Fixed the unit configuration within the creation of modules in policies.
N/A	6926	Fixed the display of master servers within the servers view.
N/A	6925	Fixed visual glitch of alert recovery preview in alert actions.
10347	6921	Modified the possibility of creating IPAM tasks without localization.
N/A	6918	Fixed obtaining the IP of the machine when installing a software agent on Solaris and AIX.
10248	6907	Fixed rule configuration errors in alert correlation with tag filtering.
N/A	6899	Modified the Metaconsole Console Setup token to accept URL without http in front.
N/A	6894	Fixed “Done” status in AWS tasks when finished.
N/A	6887	Fixed ACL error in SAP view where all agents could be seen without important assigned group.
N/A	6878	Fixed the creation of services when using the character "in the description.
N/A	6874	Fixed the substitution of macros within the display of items in a report.

Bug fixes

Case#	GitLab #	Description
N/A	6872	Fixed visual crashes when adding a module to a service if the module name is too long.
10444/11412	6868	Added all SNMP options (v1, v2c and v3) in massive operations of both modules and policies.
N/A	6848	Last contact field modified in connected users view.
N/A	6840	Fixed visual glitches in group view.
N/A	6838	Fixed displacement of creating rules in agent autoconfiguration.
N/A	6835	Fixed visual bug of Retry send token in discovery VMWare tasks where it always appears active.
N/A	6833	Fixed option to select any agents within the scheduled shutdowns.
N/A	6832	Fixed the event or agent selector in the event history item in a visual console.
N/A	6830	Fixed the service item in visual consoles for which it did not get the SLA information from it.
N/A	6826	Fixed visual bug when choosing the console resolution 1920x1080.
M/A	6810	Fixed visual bug in Metaconsole policies where agents never appeared as applied.
11055	6789	Fixed asynchronous mode in Windows software agents.
N/A	6784/6771	Fixed the error message in the creation of console tasks when not entering all the necessary data.
N/A	6754	Fixed the services token in the services item in visual consoles where not all the services created would appear.
11033	6751	Fixed the edition of module units where once changed it could not be left blank again.
11031	6749	Fixed deletion of plugins with advanced option when dealing with multiple lines.
N/A	6745	Fixed “node radius” and “node separation” tokens in VMWare view.
N/A	6733	Fixed the elimination of lines in remote configuration of agents when disabling the module by policies.
N/A	6729	Fixed the “Unique IP” token within the agent options.
N/A	6710	Fixed the unattended installation of the software agent in Windows where the selected group was not applied correctly.
N/A	6633	Visual correction in the view of adding groups in a policy in Metaconsole.
N/A	6610	Fixed help inside creation of local component in Metaconsole.
N/A	6602	Fixed group recursion in filtering in bulk operations.
N/A	6574	Fixed the appearance of a validation message when deleting an agent in Metaconsole.
N/A	6568	Fixed user/password token removal in module library.
N/A	6528	Corrected ACL errors in services, where a user with permissions to see the service will be able to see everything it contains regardless of the element, but will only be able to access from the service the elements in which it has correct ACLs.

Bug fixes

Case#	GitLab #	Description
N/A	6527	Fixed the redirection of a module in a service, to see only its events instead of a list of modules with the same name.
N/A	6525	Fixed the painting of service alerts status when recovering.
N/A	6522	Fixed visual bugs in the file collections section .
N/A	6519	Fixed the total service count when applying a filter..
N/A	6517	Fixed filtering by server in tag view.
N/A	6516	Fixed sql error when using a custom sql query in the report templates.
N/A	6514	Fixed sql error in HTML report view with a vertical graph sQL item.
N/A	6492	Removed tokens that do not correspond to the SQL query item in reports.
N/A	6474	Fixed the name of child elements within Metaconsole services.
N/A	6464	Fixed ID error within Discovery tasks when a new server with another name is raised and the previous one is deleted.
N/A	6414	Fixed the display of events in the mobile console by which the window would be twice.
N/A	6401	Unification of user information display between Metaconsole and node.
N/A	6386	Fixed visual glitches in group view.
N/A	6378	Fixed CSV download issue in custom fields view for non-admin users.
N/A	6364	Modified result message when trying to stop a planned stop when it is periodic.
N/A	6326	Fixed ability to create unnamed module templates.
N/A	6136	Fixed visual bugs in alert correlation.
10142	5930	Modified error messages for UX and WUX type modules.
N/A	5475	Fixed SNMP_Bandwith plugin.
9526	5417	Fixed the error of eliminating a policy module whereby, if it had an alert also associated, it was not eliminated when eliminating a demarcated module and the agent removed from the policy.
N/A	5352	Fixed the height token for SQL graph type items in reports, where it was not affected for PDF reports.
N/A	5347	Modified message when changing the language in Metaconsole where an error appeared although it was modified.
N/A	5163	Fixed header naming in an agent's Network tools view.
N/A	5131/5113	Fixed visual glitches in the tactical view in Metaconsole.
N/A	5123	Fixed translation errors in the custom field data in the custom fields view.
N/A	5014	Fixed the bug of modifying the WUX module range where it was not updated correctly.

Bug fixes

Case#	GitLab #	Description
N/A	5012	When clicking on a custom graph within a visual console it no longer takes you anywhere instead of just the first element in view
N/A	4992	Added error message in create_event CLI call on non-existent module
N/A	4672	Fixed file deletion problems when installing a SAP agent again
N/A	2828	Fixed the problem of migrating agents from one node to another using Metaconsole, where the policy table was not updated in Metaconsole.
N/A	2563	Overview of API calls OK and error messages.
N/A	2530	Fixed the disappearance of httpd auth tokens (login and password) in web modules.
N/A	1783	Fixed sql error when introducing an invalid regex inside the graph containers.
N/A	7025	Fixed the error whereby if you pass the limit of massive operations it does not let you continue.
N/A	7100	Modified Systemctl service creation method of the software agent that was in conflict in current versions of CentOS or raspbian.
11014	6812	Fixed HyperV plugin encoding issue.
7805	4058	Generated new plugin for LDAP monitoring.

Documentation update

Caso#	GitLab #	Descripción
N/A	2561, 6839, 7044, 7216	Added documentation of new API calls .
N/A	7181	MSSQL documentation updated.
N/A	7088	Added new integration documentation with Integria.
N/A	6701	Introduced documentation on relation rules within the Metaconsole configuration.



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

Update 

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