



RELEASE

748

August 2020

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These release notes describe new features, improvements and fixed issues in Pandora FMS NG 748. They also provide information about upgrades and describe some workarounds for known issues.

New features and improvements

Smart Services

Pandora FMS service creation has been improved and modified. However there is still manual service creation, where “simple” and “automatic” services will disappear, migrating directly to manual services.

The “smart” service feature has been included. These services, unlike the previous ones, will calculate thresholds automatically by means of studying the elements the service contains.



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How to update Pandora FMS

There are several ways to update Pandora FMS console:


Through Update Manager, automatically in Pandora FMS console itself (it requires console internet connection).


Through Update Manager, manually in Pandora FMS console itself by means of 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](#).

Metanconsole collection browser

Due to the increase of systems to be monitored, the need arises to include new features to improve and simplify their use. This version includes the possibility of searching throughout collections by name.

Visual consoles improved

There is now the possibility to prevent refresh settings from being displayed, as well as the name of the visual console itself, when you want to see a visual console in both Metaconsole and Node, which allows its correct full display. la misma.

General General overall report feature

With this new version, you have the possibility of obtaining all data from a selected module using the rate option of the "General" report type.

New API/CLI calls

The number of calls to the API/CLI has increased. There is a new option to set an event in "in progress" status, as well as being able to obtain the status of an agent by both agent name and alias.

Change in profile permission system

The UM permission within Pandora FMS has been modified, so that said profile has the necessary permissions to be able to perform actions on those profiles that also have said permissions.

New packages for CentOS 8

Pandora FMS evolves as OS do. That is why this new version includes RPM packages to be able to smoothly install them in CentOS 8.



Known changes and limitations

Learn more:

[Pandora FMS online documentación](#)

[Plugin Library](#)

[Pandora FMS Official Support](#)

Smart Services

Service display and creation have been modified and old services have been migrated to the "manual" type (see above, in new features).

UM Permission

This permission has been modified, restricting a little more the actions that a user can carry out with said permission on other users.

Fixed vulnerabilities

Thanks to the information collected, we have been able to correct and fix the following vulnerabilities that affected Pandora FMS

In this release, different ways of entering (XSS) the Pandora FMS code have been solved by using the web browser in the following views:

N/A	5992	In event comments
N/A	5987	Metaconsole tag creation
N/A	5954	File upload using file manager

Feature extinction

In this release, no existing Pandora FMS features have disappeared.

Changes and improvements

Case #	GitLab #	Description
10048	5843	Agents/Modules widget added again to Dashboards.
9287	5206	Possible separator configuration when exporting in CSV.
N/A	5705	Pandora_DB improved for deleting non-existent items in the database.
N/A	6084	Net-Telnet dependency removal in the face of changing to CentOS 8.
N/A	6012	Improvements and changes in the service creation system.
N/A	5765	Search tool added in Metaconsole collections.
9972	5764	Improved visual console display in full screen.
N/A	1957	Data added in general report.
N/A	4425/3879	New API and CLI calls.
N/A	6141	Trial licensing system improved.
N/A	6034	Improved permission system.
9109	4971	New packages for CentOS 8.
N/A	6010	Filtering added to list/table/service tree.

Bug fixes

Case #	GitLab #	Description
10407/10409	6160	Fixed failure in plugin and Metaconsole inventory synchronization to Node
10435	6168	Fixed failure in E6 server compilation for LWP usage
9542	6112	Fixed macro_data_ in event alerts in legacy mode
N/A	6100	Fixed the default alert command Monitoring Event
N/A	6073	Fixed false HA environment desynchronization notification
9945	6069/5851	Fixed bandwidth plugin
10231	6001	Fixed string data retrieval using pandorafsnmp
N/A	5965	Fixed "exit_on_fail" token with the new Selenium version 3
N/A	5946	Fixed "Global time" token retrieval from pandora_ux.
10172	5940	Fixed Metaconsole SQL reports
10162	5933	Fixed screenshotting Windows event logs
N/A	5888	Fixed interval field in SAP monitoring
N/A	5874	Fixed module_min/max tokens on data modules.
N/A	5801	Fixed _policy_ macro
N/A	5681	Fixed Hyper-V plugin bugs
405/9779 /10123	5607	Fixed mailings through the configuration entered in console
N/A	2925	Fixed log warning message in web modules
10407	6172	Fixed Metaconsole policy enforcement with many agents
10324	6162	Fixed index failure in resource registration
10428	6161	Fixed pop-up window for button 101 of string modules
N/A	6135	Fixed module duplication when applying policies
N/A	6130	Fixed Metaconsole custom graphic display errors
N/A	6120	Fixed event correlation tag filtering

Case #	GitLab #	Description
10248	6115	Fixed event_module field display in event correlation.
10196	6107	Fixed massive system notification sending even if the problem was solved
N/A	6101/5907	Fixed threshold edit failure in prediction modules.
7658	6096	Fixed _label_ macro in Metaconsole automatic combined graphs.
N/A	6074	Fixed missing public link option for dashboards.
N/A	6057	Fixed visual bugs in Discovery monitoring.
10299	6045	Fixed automatic deletion of _field10_ or higher in SNMP alerts.
N/A	6011	Installed the default zoom of a service tree view.
N/A	6004	Fixed visual error when filtering components in Metaconsole.
10233/10190	5996/5970/ 5963/5443	Fixed status coloring in PDF reports.
10205	5991	Fixed string data retrieval in CSV exports.
10246	5990	Fixed report naming when sent by email or created through Template.
N/A	5969	Fixed HTML report views.
N/A	5964	Fixed refresh times in public view of visual consoles.
N/A	5920	Fixed display of visual_console_manager option on visual consoles.
10135	5913	Fixed MarkLogic plugin bugs.
N/A	5909	Fixed how to display the result after a global search.
N/A	5908	Fixed bug where two agents with same ID and alias could be created.
N/A	5870	Fixed visual failure on the login screen in Metaconsole.
N/A	5819	Changed the agent/module licensing control system
N/A	5814	Fixed visual problems in the console audit option.
N/A	5810	Fixed the _id_module_ macro.

Case #	GitLab #	Description
9943	5808	Fixed regex matching engine in correlation alerts.
N/A	5806	Fixed post processing line duplication.
9943	5804	Fixed visual error of correlation alerts in Spanish.
N/A	5771	Fixed bug where Vcente events were not displayed on Discovery VMWare tasks.
N/A	5769	Added confirmation window for deleting events.
N/A	5743	Added policy notice in centralized mode once you go into a policy.
N/A	5742	Fixed the introduction of the "module_disabled 1" token when applied in policies.
N/A	5722	Fixed image bug in Database Maintenance module in Metaconsole.
N/A	5716	Fixed HA node configuration display when saving new information.
N/A	5676	Changed the alphabetical order within agent and module dropdowns in alert correlation.
9875	5674	Fixed gauge chart display in PDF.
N/A	5670	Fixed issue with Max and Min token display in an alert template.
N/A	5618	Fixed the display error of the owner in an event.
N/A	5587	Fixed default actions when applying a template in your filter.
N/A	5573	Fixed MIB downloading from MIB uploader.
N/A	5561	Fixed node collections menu.
N/A	5532	Fixed centralized system applied to templates/actions/alert commands.
N/A	5505	Fixed service tree view.
9594	5468	Fixed the error of introducing additional space in the exec server.
N/A	5447	Removed references to log4x in pandora_db.
N/A	5445	Fixed prediction modules in Metaconsole.
N/A	5440	Fixed Metaconsole policy agent deletion and adding errors.
N/A	5423	Added the delete option in the non-existent general search in Firefox.



Remember you can download the last version of Pandora FMS through the Update Manager.

Update [↗](#)

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Case #	GitLab #	Description
9519	5413	Fixed mobile console display
9349	5396	Fixed custom SQL report pagination
8691	5369	Fixed the error of naming the export file in CSV depending on where the export is performed
N/A	5282	Fixed the error of linking or unlinking modules using massive policy options
9235	5105	Fixed tactical view display on mobile console
N/A	5070	Added the possibility to enter a new license in the expired license notice
8858	4776	Fixed legend in module charts
7873	4158	Fixed API call for creating an event, where it could not be created if the id_server did not exist
5385/ 5315	2002/1952	Fixed the display of "network component management" where now the hierarchy is taken into account
N/A	1972	Fixed display of graphics with a large number of elements.
N/A	1940	Fixed weight calculation in module charts
N/A	5967	Visual correction of removed event responses
N/A	5849	Visual corrections of the Metaconsole selection menu

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