PANDORAFMS

UPDATE PACKAGE

RELEASE

749

September 2020

These release notes describe new features, improvements and fixed issues in Pandora FMS NG 749. They also provide information on enhancements and describe some workarounds for known issues.

New features and improvements

Integrated HA improvements

After investigating improvements in Pandora FMS HA environment, as well as being able to solve some errors due to module synchronization between nodes, improvements have been implemented in the configuration of the HA environment to achieve higher stability in log synchronization and receipt.

In order to achieve these improvements, MySQL configurations have been additionally changed to better support the load. The new ISO includes in addition the necessary configurations in case you want to use HA, as well as scripts to automatically modify the necessary configurations for this new HA system.

Visual enhancements in user management

The display of user management has been modified. There were difficulties to be able to see the information of each one of the users, as well as the insertion of multiple profiles to the same user giving a display failure in it.

Changes were made to how options to be configured in a user appear at the top of the information thereof, as well as the collapse of profiles in case the user has more than 6 profiles.

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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.

Pandora FMS in Centos 8

Pandora FMS is constantly evolving as well as operating systems, and we could absolutely not fall behind. In this version, the packages for the official Pandora FMS update in CentOS 8 are supplied for the first time:

- Console
- Server
- Software agent

As well as the introduction of official support in CentOS 8.

Known changes and limitations

Log viewer

The Pandora FMS log viewer display has been modified. Log view sources can be edited, being able to shut down or create new sources.

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 entryways (XSS) to Pandora FMS code through the web browser in the following views have been solved:

N/A	5989	In update/creation of groups in Metaconsole.
N/A	6171	In third-party calls through a direct call via URL in the construction of network components.
N/A	6170	In issue view.

Feature extinction

In this release, no existing Pandora FMS feature has disappeared.

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Changes and improvements

Case#	GitLab #	Description
N/A	5994	Integrated HA improvements.
N/A	4971	Pandora FMS in Centos 8.
N/A	6147	User management changes.
N/A	6246 6245 6241 6235 6214 6198 6128 6016 5512 6268 6239 6218	Modification and introduction of documentation in Pandora FMS Wiki: • Log source agents. • MySQL configuration new HA method. • Glusterfs. • Pandora FMS database. • Agent CSV Deployment. • Marklogic plugin. • 24x7 reports. • Dataserver plugins. • Discovery MS SQL.
N/A	6039	Improved updating systems through RPM.
N/A	6089	Pandora FMS log view changes. Log view sources can be edited, being able to shut down or create new sources.
5697	2233	Changes in availability report. Currently, in addition to the default report, the 24x7 option can be selected.
N/A	5367	Add search and action filtering.
N/A	5876	Adding lshw binary for agents for correct use of inventory functions.
9422/9700	5355	Added the possibility of updating module thresholds using XML.
N/A	6123	Added in the agent view the status of the agent's log.
N/A	6037	Added help for creating alerts.
N/A	5609	Added a link in module creation to be able to access saved credentials.
10321	6070	Modifications in the grep_log plugin. Option added to group all lines in a single entry.
N/A	6203	Snmp_bandwith.pl plugin update. The possibility of performing multiple executions and updating OIDs has been included.
10371	6117	Updated and inserted new modules in Marklogic plugin.
6418/10093	5812	Added "reject" function in Xenserver plugin.
N/A	5060	Added phantomjs packaging in rpm.
N/A	6259	Modified the sample of IPs available when starting a machine where Pandora FMS ISO has been installed.

Bug fixes

Case#	GitLab #	Description
10517	6284	Fixed a metaconsole agent cache update failure in HA environments. The slave node has been prevented from executing the agent cache update.
N/A	6249	Fixed the agent selector of a policy.
N/A	6231	Failure in the creation of agents by means of discovery task with configured templates.
10534	6224	Dataserver processing failure with active "lifo" token.
9948	6217	Log correlation alert failure by agent name.
N/A	6211	Fixed failures in updating the online version of the open version.
10326/10410	6156	Fixed operation of "snmp_remote.pl".
N/A	6102	Fixed error in changing the name of alerts in Metaconsole and synchronization to the node.
10329	6093	Fixed fields in snmp alerts.
8030	4033	Fixed Oracle plugin data type errors.
10553	6236	Fixed Metaconsole API call to remove agents.
N/A	6228	Changed dependencies for Pandora FMS RPMs. The fileutils and textutils dependencies have been replaced by coreutils.
N/A	6225	Fixed the filter of the modules view, where when applying a filter it showed the number of modules but did not show the modules themselves.
10495	6201	Fixed the error of using macros in "event responses".
N/A	6196	Increased security in console files. There were some lines in a .htaccess file that blocked entries to certain directories, and could give an error depending on the way php was executed. They have been modified to be able to obtain the same security regardless of the php method.
N/A	6193	Fixed timeout of Omnishell tasks.
9909	6174	Fixed the error of importing agents by CSV through the Discovery "Deployment center".
N/A	6167	Fixed the creation of SNMPv3 processes through wizard.

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Caso #	GitLab #	Descripción
10427/10374	6164/6108	Fixed recognition tasks with SNMP with uppercase fields in community.
9858	6163	Modified the way to make the queries through "pandorafsnmp".
10385	6139	Fixed the different possible date formats of Pandora FMS console.
10419/9496	6124	Fixed SNMP Uptime type modules.
N/A	6113	Modified open version message when exceeding the number of modules in an agent.
N/A	6099	Fixed module duplication error.
10177	6090	Fixed general report when trying to be exported in CSV.
10339	6081	Fixed the Metaconsole agents/alerts/modules wizard.
10334	6080	Modified agent message with non-initialized modules.
N/A	6078	Modified the WMI modules both in the console and in the satellite server. Double queries are now possible.
N/A	6075	Fixed SNMP Browser bug with v2.
N/A	6068	Fixed the error of special character usage in SNMP Browser.
N/A	6067	Fixed comments in WUX files. If there was a WUX check where commented comments appeared, it gave back an error.
10314	6054	Modified the display of the "Group Status" widget in the dashboards.
10205	6053	Modified the report mail sending message obtaining the type correctly. If you wanted to send the report in CSV, it was sent in PDF.
N/A	6036	Fixed the editing of alerts of "Monitoring Event" type.
N/A	6029	Fixed deletion of agent groups in Metaconsole.
N/A	6028	Re-introduced the TIP option in custom graphs.
10206	6027	Fixed CLI call to create agents.

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Case #	GitLab #	Description
N/A	5961	Removed the dependency Perl (YAML::Tiny), now it is only optional if Omnishell is used.
N/A	5931	Fixed erroneous operation of "Min number of alerts".
N/A	5821	Modified the display of notification settings where the available options did not appear.
N/A	5685	Fixed visual glitch in Metaconsole event history paging.
N/A	5577	Fixed SLA statuses at future times.
N/A	4434	Corrected the ACL permission to see the Pandora FMS audit log.
N/A	6140	Correction of the token "use_xml_timestamp" in agents with different time zone.
10587	6248	Fixed SQL error in module graphs.
N/A	6277	Fixed the error of creating SNMP modules with the new SNMP wizards.
N/A	6264	Fixed the graphics of the modules created with SNMP Interface Wizard.
N/A	6261/6260	Fixed the configuration of new user permissions.
B/A	6238	Deleted an error from the incorrect log generated by the new wizard interfaces.

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

Update ⤴

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