PANDORAFMS

# VERSION UPDATE

- *New features and improvements*
- *How to update Pandora FMS*
- *Known changes and limitations*
- *Feature extinction*
- *Changes and improvements*
- *Bug fixed*
- *Documentation update*
- *Legal information*

RELEASE

754

April 2021

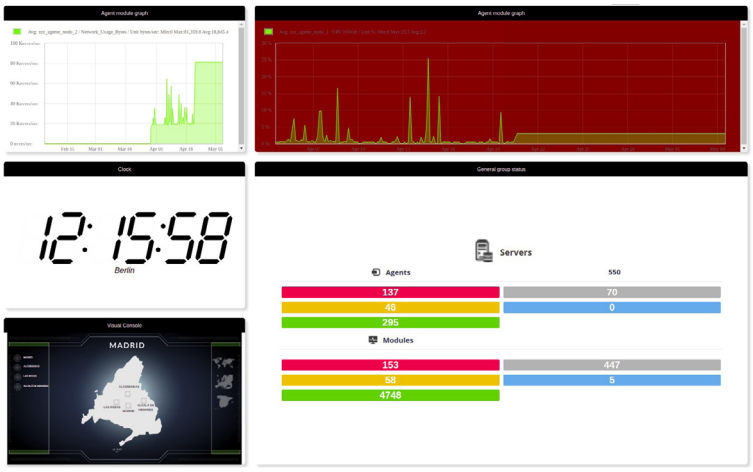
These release notes describe new features, improvements and fixed issues in Pandora FMS 7.0 NG 754 LTS. They also provide information about upgrades and describe some workarounds for known issues.

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.**

## New features and improvements

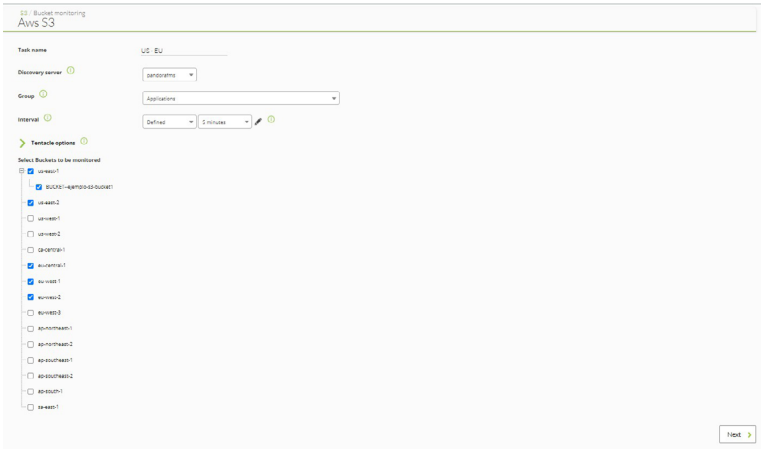
### Metaconsole Dashboards

Dashboards can now be used within the Metaconsole, to be able to centrally manage all the information more visually.




### New AWS monitoring. Amazon S3

The possibility of monitoring Amazon S3 cubes has been added to be able to monitor the files included in them, the size of each file, the number of items in each cube, permissions, etc.

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## 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 installers for Cloud

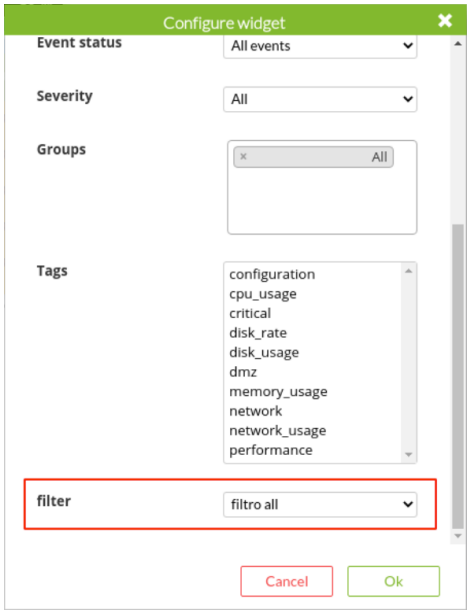
In previous versions, we prepared a remote script to install Pandora FMS in any environment: virtual, cloud, physical, by just having access to the internet. In this version, we have done the same to install Pandora FMS agents in a customized way with just one click.

Check out the documentation or try it yourself:

```
curl -Ls https://pfms.me/agent-deploy | bash
```

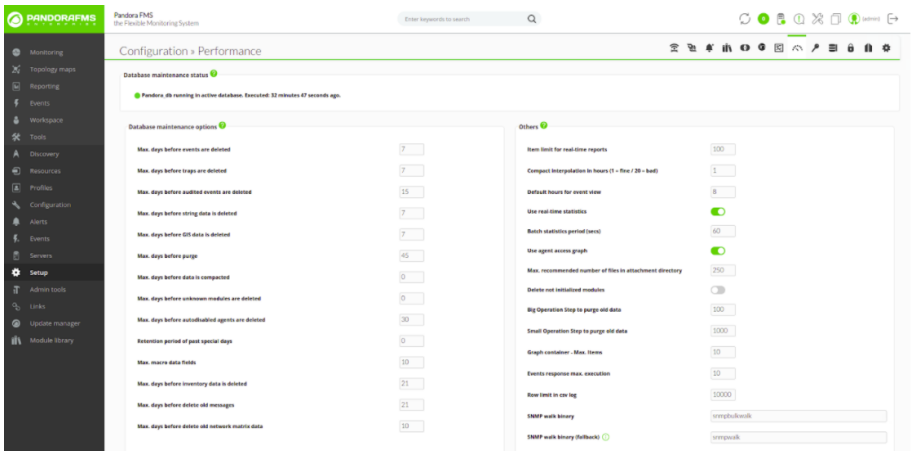
## Improved event widget in Dashboard

It now allows you to incorporate saved filters, so that the widget will show events using those custom filters.




## Visual enhancements in console settings

Pandora FMS console setup display has been improved to not show anymore all the options in a single column and thus be able to see it more easily and quickly.



**Other resources for your interest**

Documentation of Pandora FMS online

Plugin Library

Pandora FMS official technical support

# Known changes and limitations

We remind you that in version 753, the skin system changed. If you use a custom skin system, you will have to update it to the new format. Check with support before upgrading to this version if you have not installed 753 yet.

# Feature extinction

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

# Changes and improvements

| Case# | GitLab # | Description |
|---|---|---|
| N/A | 7378 | Modified the alert actions, where only the option "Create work unit on recovery" will appear when choosing the action associated with Integria IMS integration. |
| N/A | 7373 | Deleted the option of exporting module graphs to CSV in Pandora FMS OpenSource version, since it is an enterprise feature. |
| N/A | 7349 | Added explanatory error message in the Resource Registration section when trying to import an empty or poorly formatted resource. |
| 11618 | 7248 | Added module_wait_timeout token to improve plugin and exec module performance in Windows agents. |
| N/A | 7005 | Added error message when trying to generate a plugin module by generating a data module, so that it is generated correctly by agent plugin. |
| N/A | 6859 | Modified LWP use to curl to obtain statistics in WUX modules. |
| 8573 | 4536 | Removed autocomplete in browser for custom fields. |
| 7938 | 2685 | Added the Dashboards feature to Metaconsole. |
| 10821/10953 | 6457 | Added the possibility of adding custom event filters in the event widgets of a dashboard. |
| N/A | 7385/7435 | Removed the transactional_threads token from the server configuration, as well as from Pandora FMS Wiki as it is deprecated and is not useful anymore. |
| N/A | 6332 | Added a module search engine in the agent view within Pandora FMS mobile console. |
| N/A | 4264 | Added ACL resources to event responses so that users with restricted permissions on specific groups can only see event responses from that group. |
| N/A | 6591 | Introduced new metrics to HANA plugin, including SYS.M_DATABASE, SYS_DATABASES.M_CONNECTIONS, SYS_DATABASES.M_DISK_USAGE, SYS_DATABASES.M_SERVICE_MEMORY |
| N/A | 4475 | Added API and CLI calls to be able to validate alerts. |
| N/A | 6271 | Modified the console setup structure to take into account the screen size and thus not have to display everything in a single column. |
| 11304 | 6986 | The results obtained by recon tasks by Discovery now sorts SNMP results alphabetically. |

## Changes and improvements

| Case# | GitLab # | Description |
|---|---|---|
| N/A | 7057 | Created agent installer for cloud environments. |
| N/A | 7028 | Custom field selectors modified to be able to search for them. |
| N/A | 6377 | Added new monitoring in Discovery. Amazon S3. |
| N/A | 7265 | Visual enhancements for dark display mode. |
| N/A | 6133 | Added the possibility of encryption in the Sybase plugin. |
| 9725 | 5544 | Added API calls to know how many agents are licensed and how many remain to be used. |
| N/A | 6387 | Added the possibility of limiting agents by group. |

# Bug fixes

| Caso# | GitLab # | Descripción |
|---|---|---|
| N/A | 7446 | Fixed visual error when generating WMI or network modules when using the remote component template option. |
| N/A | 7434 | Fixed the error of not being able to select the ALL group when creating collections in Metaconsole. |
| N/A | 7414 | Fixed CLI call to create events in Metaconsole. |
| N/A | 7411 | Fixed SQL errors when creating a module event report in Metaconsole. |
| N/A | 7404 | Modified the read event permission by which previously a read-only user could launch event responses. |
| N/A | 7400 | Fixed ACL permissions for discovery tasks whereby users with permissions on a group could not see it unless they were administrators. |
| N/A | 7399 | Fixed eHorus integration with Pandora FMS by which the drop-down of actions to be carried out did not appear. |
| N/A | 7396 | Fixed misalignment of event auto refresh in Metaconsole, as well as its proper performance. |
| N/A | 7393 | Fixed event filtering in Metaconsole, whereby when going through the pages it stopped filtering if filtering by severity. |
| N/A | 7391 | Fixed _data_ macro in event alerts by which it did not show data. |
| N/A | 7384 | Modified RR and RW profile permissions with which, despite having said permissions, it was not possible to see the reports correctly. |
| N/A | 7382 | Fixed configuration data of an HA cluster appearing when editing it. |
| N/A | 7380 | Fixed visual bug whereby when editing the interval of a module, it always appeared as seconds even if it was not the appropriate measure. |
| N/A | 7377 | Fixed new GIS map creation. |
| 11735 | 7376 | Modified certain sections of Pandora FMS with the dark display mode by which they could not be properly seen. |

## Bug fixes

| Caso# | GitLab # | Descripción |
|---|---|---|
| N/A | 7375 | Modified the first group appearing when creating a new policy being ALL. |
| N/A | 7372 | Fixed not deleting remote agents when deleting their associated clusters. |
| N/A | 7370 | Removed modal message when editing a cluster node. |
| N/A | 7369 | Fixed Server SNMP Wizard plugin performance. |
| N/A | 7368 | Fixed event filtering by event comment with special characters. |
| N/A | 7367 | Fixed the API call to create groups where a field of maximum number of agents had to be added when it was not mandatory. |
| N/A | 7363 | Modified the copy of visual consoles for which configuration information was lost along the copy. |
| N/A | 7358 | Fixed agent selection when generating a report through the report template wizard. |
| N/A | 7356 | Fixed SQL report item display when generating the report using the report template wizard. |
| N/A | 7355 | Fixed API call to create agents. |
| N/A | 7354 | Fixed bar graph item creation in visual consoles. |
| N/A | 7350 | Fixed custom chart selection in the item wizard in a custom report. |
| N/A | 7347 | Fixed sending mail through SMTP when credentials exceeded a certain extreme length. |
| N/A | 7343/7239/7332 | Fixed counting in agent/module views, groups, tactical view. |
| N/A | 7341 | Modified visual errors in the report view in Pandora FMS general search. |
| N/A | 7338 | Fixed infinite spinner appearance when searching for an agent in a general item in a custom report. |
| N/A | 7333 | Fixed configuration errors in Pandora FMS setup where the path of the attachment directory, the pagination and the text size are not changed. |
| N/A | 7331 | Modified the error whereby the background of any widget in dashboards could not be modified. |
| N/A | 7328 | Fixed javascript error when trying to create favorite and private dashboards. |
| N/A | 7327 | Fixed item count in the transaction list view when you do not have permissions to see the existing items. |
| N/A | 7325 | Fixed .data file draft error in temporary folder when having VMWare Discovery tasks. |
| N/A | 7324 | Fixed Pandora FMS console notification system. |
| N/A | 7323 | Fixed visual and operational errors in event filtering. |
| 11651 | 7320 | Fixed incorrect mass XML creation in Discovery VMWare tasks. |
| 11690 | 7319 | Fixed visual console editing in legacy mode. |
| 11651 | 7311/7288 | Fixed correlation alert generation where complex rules could not be generated. |
| N/A | 7306 | Fixed visual errors when users without ACL access the alert command view. |

## Bug fixes

| Caso# | GitLab # | Descripción |
|---|---|---|
| 11651 | 7303 | Modified regex rules within alert correlation to take special characters into account. |
| 11667 | 7298 | Fixed sending email alerts with module graph. |
| N/A | 7293 | Fixed visual bug in the agent editing view. |
| N/A | 7292 | Fixed errors in agent group creation. |
| N/A | 7287 | Fixed visual errors in the user's own editing when selecting a default welcome screen. |
| 11535 | 7283 | Fixed the dynamic_snmp plugin not taking into account the ":" of the OIDs. |
| N/A | 7278 | Fixed agents showing up in report dynamic generation from templates. |
| N/A | 7268 | Fixed inventory synchronization problems of Integria IMS integration. |
| N/A | 7267 | Fixed the inclusion of not fully displayed comments in Integria IMS integration tickets. |
| N/A | 7260 | Fixed mass operations on agents in edit mode. |
| N/A | 7257 | Fixed header visual error in the item list in a report template. |
| N/A | 7256 | Fixed visual error of the modal screen when the support license has expired. |
| N/A | 7255 | Fixed visual bug of ACL Enterprise configuration view. |
| N/A | 7254 | Fixed visual bug in the console task list for saving custom reports to disk. |
| N/A | 7242 | Modified the icons of the agent editing view. |
| N/A | 7241 | Fixed visual errors in the configuration to subscribe to Pandora FMS newsletter. |
| N/A | 7238 | Fixed visual errors in user edit view. |
| N/A | 7200 | Recovered critical and warning threshold options on IPAM supernet nodes. |
| N/A | 7195 | Fixed visual errors in Pandora FMS mobile application. |
| 11545 | 7158 | Fixed migration error between servers in Metaconsole when the setup label does not match the server name. |
| N/A | 7100 | Fixed software agent systemctl service installation. |
| N/A | 7095/6946 | Fixed error displaying tree view elements with restrictive ACLs per group. |
| N/A | 7093 | Fixed event group item error in custom Metaconsole reports whereby it was looked for in the wrong table. |
| N/A | 7092 | Fixed a bug in the SNMP Wizard where modules could not be generated where the OID returned a value between quotation marks. |
| N/A | 7091 | Modified cluster creation when an agent with service modules is added, being able to see them added now. |
| 11410 | 7079 | Fixed the issue of using special characters in calls to Pandora FMS API. |
| N/A | 7072 | Deleted Metaconsole centralization message in remote component group view in the Metaconsole itself. |

## Bug fixes

| Caso# | GitLab # | Descripción |
|---|---|---|
| N/A | 7070 | Deleted console log file that was generated empty. |
| N/A | 7066 | Fixed disabled alert filtering within the alerts view. |
| N/A | 7055 | Fixed visual errors of SNMP Wizard result filtering in Metaconsole. |
| N/A | 7052 | Fixed entity display in different event view sections, as well as that of their details. |
| 11370 | 7050 | Fixed alert activation during a scheduled downtime when reapplying a policy with alerts on an agent included in the downtime. |
| N/A | 7048 | Fixed tab bugs in IPAM feature. |
| N/A | 7042 | Fixed versioning error of node setup in Metaconsole where the oldest version of the servers registered in the node was taken. |
| N/A | 7040 | Fixed the option to force public URL within the Metaconsole. |
| N/A | 7039 | Generated error message in the creation of the different console tasks at the time of generating it with lack of configuration. |
| N/A | 7035 | Corrected the download of the module library plugins directly from Pandora FMS console. |
| 11317 | 7030 | Fixed audible event alerts when the event is generated through API. |
| N/A | 7022 | Fixed netscan custom path for OpenSource version. |
| N/A | 7011 | Fixed the appearance of ceased alert events even with the alert event generation disabled. |
| N/A | 6999 | Added headers in SAP and Cluster views when there is no configured item. |
| N/A | 6998 | Fixed visual error in agent migration in Metaconsole. |
| 11307 | 6997 | Fixed visual error in summation data generation in general reports. |
| 11307 | 6996 | Fixed CSV export of general reports by which it came out empty. |
| N/A | 6994 | Fixed changing item order within a report template. |
| N/A | 6993 | Modified the option to select the report logo within the report template. |
| N/A | 6991 | Fixed the group selector within report templates to be able to write in it. |
| N/A | 6989 | Fixed the screen loading failure when creating tasks to send the report by mail or on disk in Metaconsole once the task was forced. |
| 11259 | 6982 | Modified the agent event report item configuration template in the report wizard. |
| 11287 | 6969 | Fixed event refresh once the support license expired. |
| N/A | 6967 | Reduced log creation due to the lack of dependency of YAML tiny in the software agent to only when it is restarted. |
| N/A | 6962 | Modified the display in the tag box with long names. |
| N/A | 6952 | Fixed the display of agent groups with users restricted by group, as well as the creation of new groups where the ALL group can no longer be selected. |
| N/A | 6942 | Fixed agent deployment in the Metaconsole report template wizard when you only have permissions on a particular group. |

## Bug fixes

| Caso# | GitLab # | Descripción |
|---|---|---|
| N/A | 6941 | Improved user view and visual console optimization in environments with many agent groups. |
| 11170 | 6883 | Modified Pandora FMS server update so that it does not overwrite the log rotation files. |
| N/A | 6808 | Fixed API user login when using a call. When a call is made, the user is logged out and the user with whom the call is made cannot log in. |
| N/A | 6788 | Fixed visual error for scheduled downtime generation and configuration. |
| N/A | 6564 | Solved module mass editing in Satellite server. |
| N/A | 6561 | Fixed SNMP filtering in mass SNMP operations to not be able to update if no matches are found. |
| N/A | 5370 | Pagination correctly created for the alert command tab, both in node and in Metaconsole. |
| N/A | 5326 | Fixed Metaconsole modal window coloring to its default color. |
| N/A | 5179 | Fixed service upper submenu being missing when going to their view. |
| N/A | 4228 | Fixed System Uptime module so that it takes the “timeticks” display configuration. |
| N/A | 2287 | Fixed SQL server plugin. |
| N/A | 2177 | Fixed bug in snmp_remote.pl server plugin. |
| N/A | 1949 | Fixed report display with average values with multiple results. |
| N/A | 1516 | Fixed day and month element translation in SLA reports. |
| N/A | 7270 | Fixed visual bug with dark display mode within services. |
| N/A | 6782 | Fixed mobile console view styles and features. |
| N/A | 7266 | Fixed the integration view with Integria IMS in dark display mode. |
| N/A | 7262/7269 | Fixed agent view in dark display mode. |
| N/A | 6933 | Fixed LM permission on alert templates/actions/commands so that they can now use them but not edit/create/delete any. |
| N/A | 6801 | Modified the possibility of manually adding actions to alerts that have been generated through policies. |
| N/A | 7264 | Fixed visual bug in custom charts in dark display mode. |
| N/A | 7263 | Fixed visual bugs in different dashboard widgets in dark display mode. |
| N/A | 7428 | Fixed _module_ macro in inventory alerts. |
| N/A | 7413/7402 | Fixed log display elements to take into account more than 10 logs in alert correlation. |
| N/A | 7395 | Fixed event filtering in Metaconsole by which this filter was not saved correctly. |
| N/A | 7161 | Fixed Skin options in the user's own editing where not all the options appeared. |
| N/A | 6936 | Fixed translations in module template creation. |

### Bug fixes

| Caso# | GitLab # | Descripción |
|---|---|---|
| N/A | 6924 | Replaced name “Event text” by “Event Name”. |
| 11014 | 6812 | Fixed HyperV plugin encoding problem. |
| N/A | 5022 | Fixed translations in Metaconsole menus. |
| 11647 | 7281 | Increased total number of characters in SQL query in reports. |
| 11772 | 7450 | Fixed adding actions within external alerts configured in a policy. |
| N/A | 7426 | Fixed Metaconsole event alerts. |

## Documentation update

| Caso# | GitLab # | Descripción |
|---|---|---|
| N/A | 6977 | Modified the macro timefrom documentation, which only works in SQL-type reports. |
| N/A | 7261 | Added articles in explanation FAQ to add new custom skins. |
| N/A | 7217 | Historical database information updated. |
| N/A | 4411 | Path information created for log insertion in the console's visual configuration section. |
| N/A | 7435 | Updated server file configuration documentation. |
| N/A | 7433 | New module_wait_timeout field documented for windows agents. |
| N/A | 6701 | Added documentation of relations rules in Metaconsole setup. |

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

Update

## Contact

**Unites States**
255 Alhambra Circle, Suite 1100 Coral Gables, Florida. 33134
Tel.: +1-305-900-6683
info@pandorafms.com

**Europe, Middle East and Africa**
Casas de Miravete 22-24 Street.
Madrid. Spain
Tel.: +34-91-559-72-22
Tel.: +33-7-555-39-209
info@pandorafms.com

**Latin America**
Tel: +51-164-190-94
Tel: +52-5585-264-997
info@pandorafms.com

**Pacific Asia**
Rworks, Inc
Tel: +81-3-5946-8405
rw-sales@rworks.jp

# Legal Information

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