# Database Management from the Console

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https://pandorafms.com/manual/!775/
Permanent link:
https://pandorafms.com/manual/!775/en/documentation/pandorafms/technical_annexes/27_pfms_db_management
2024/03/18 21:03

# Database Management from the Console

We are working on the translation of the Pandora FMS documentation. Sorry for any inconvenience.

The core of the Pandora FMS system is its database. It stores all the data collected by the monitored systems, the configuration of the agents, the alerts, the events, the audit data, the different users and their data. That is, all the data in the system.

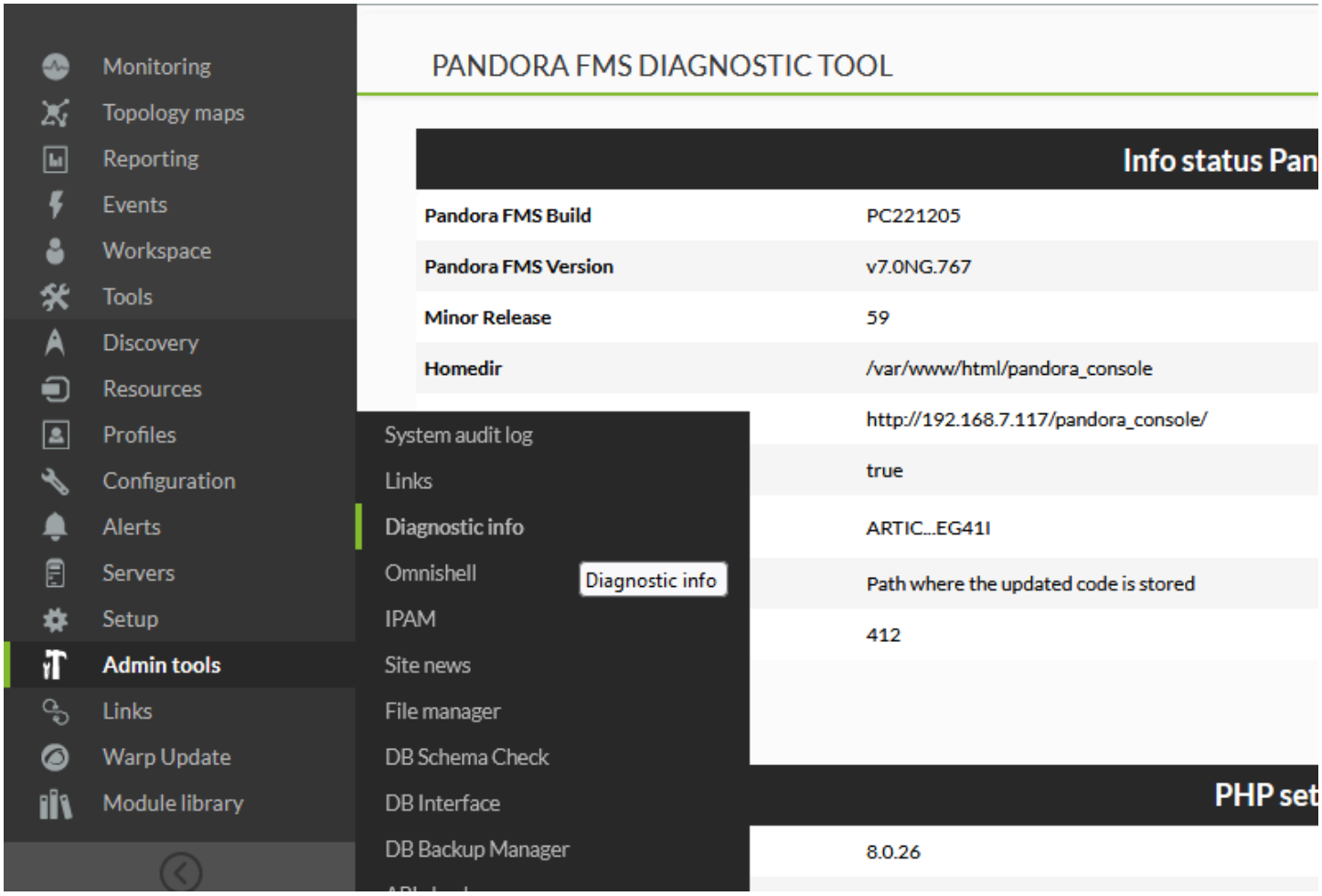
Efficiency and reliability is vital for the proper functioning of Pandora FMS, so maintaining the database is of the utmost importance.

To perform database maintenance on a regular basis, administrators can use standard MySQL commands from the command line or they can manage the Database from the Console without much knowledge of MySQL.

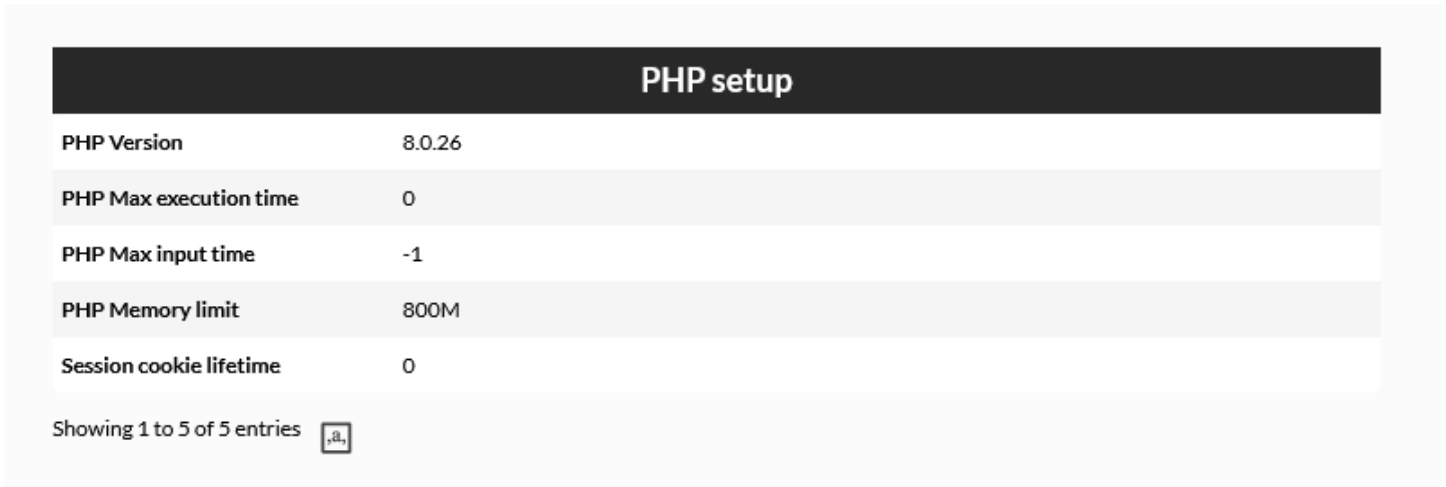
There are several extensions that you can use from the Console to view information about the database.

## Diagnostic tool

In this section we can view general information on the Pandora FMS installation. It is worth noting the large amount of information obtained from the database, where you can see the recommended parameters, as well as warnings about existing values that need to be changed.




For the 767 version it is composed of 14 sections, some of them are the following:



## Database size stats

| | |
|---|---|
| Total amount of agents | 23 |
| Total modules | 26 |
| Total groups | 15 |
| Total module data records | 1109 |
| Total agent access record | 60 |
| Total amount of events | 70 |
| Total traps | 0 |
| Total users | 7 |
| Total sessions | 24 |

Showing 1 to 9 of 9 entries

## Database health status

| | |
|---|---|
| Total unknown agents | 1 |
| Total not-init modules | 1 |
| Pandora DB Last run | 30 minutes 36 seconds Ago |

Showing 1 to 3 of 3 entries

## Database status info

| | |
|---|---|
| DB Schema Version (first installed) | 6.0dev |
| DB Schema Version (actual) | 6.0RC1 |
| DB Schema Build | PD150908 |
| DB Size | 7.469 M |

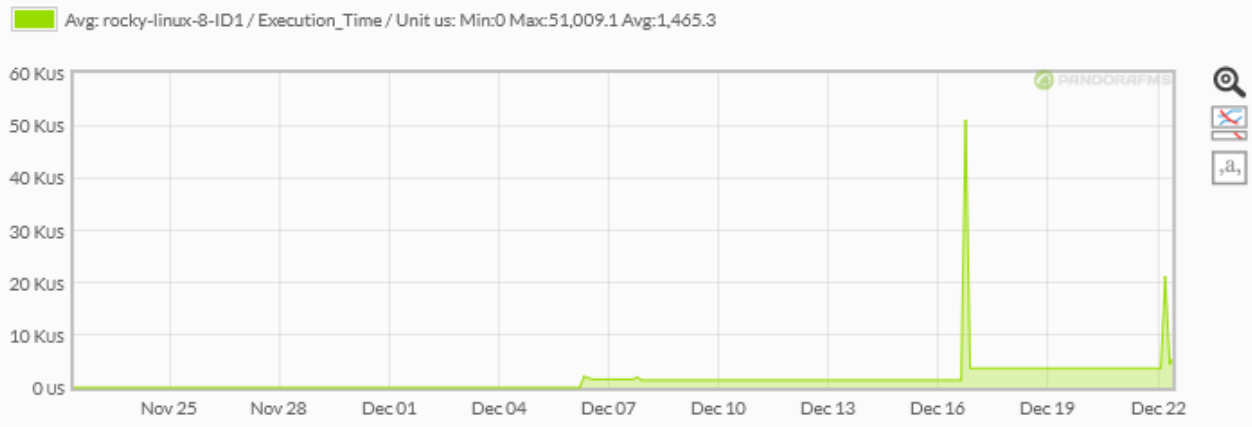
Showing 1 to 4 of 4 entries

| Tables fragmentation in the Pandora FMS database | |
|---|---|
| Tables fragmentation (maximum recommended value) | 10% |
| Tables fragmentation (current value) | 0.00% |
| Table fragmentation status | ✓ |

Showing 1 to 3 of 3 entries

| Information from the tagente_datos table | |
|---|---|
| Total data in tagente_datos table | 1109 |
| Tagente_datos table status | ✓ The tagente_datos table contains an acceptable amount of data. |

Showing 1 to 2 of 2 entries




*(*) Please check your Pandora Server setup and make sure that the database maintenance daemon is running. It` is very important to keep the database up-to-date to get the best performance and results in Pandora*

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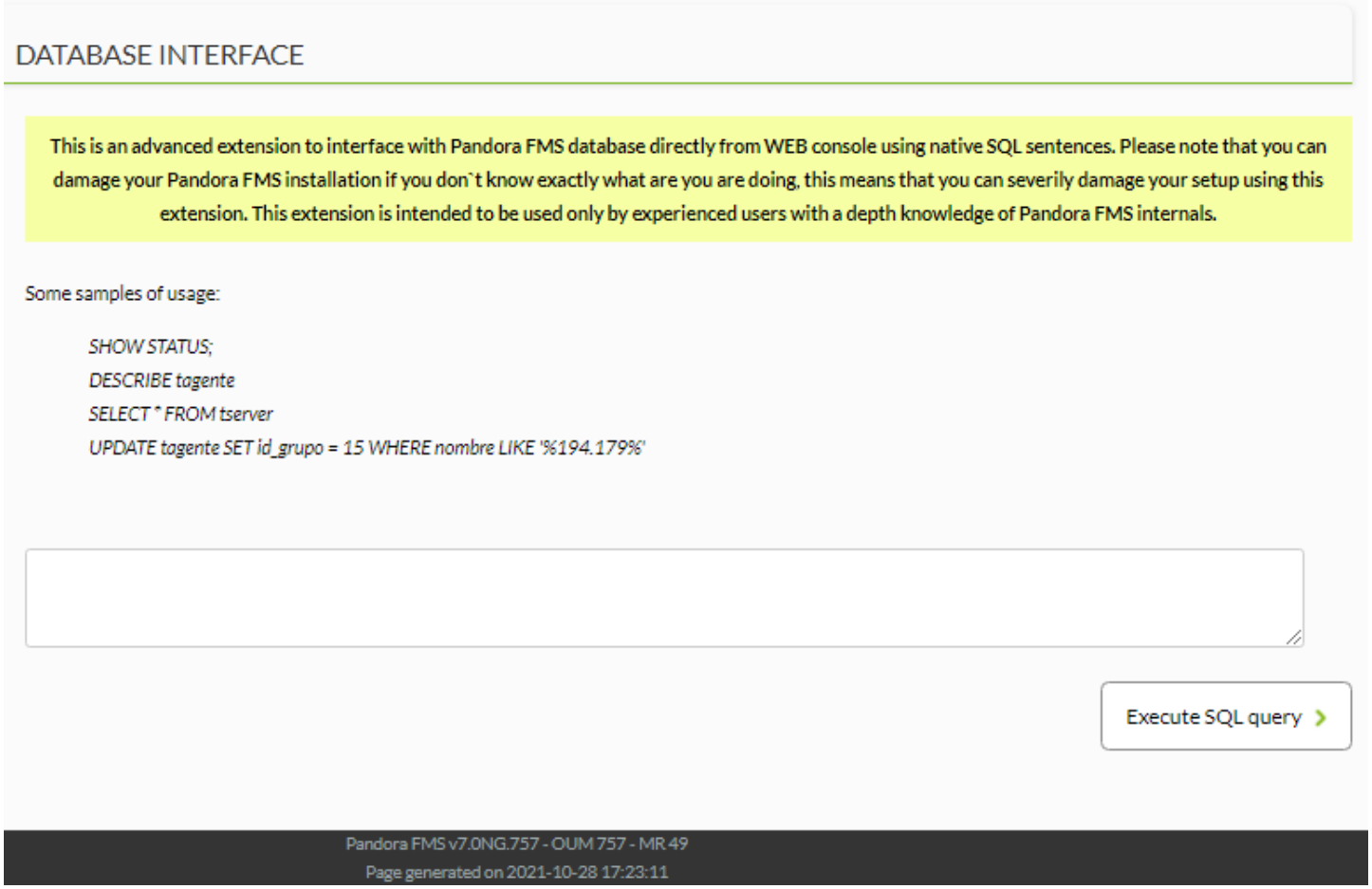
## DB Interface

This is an extension that allows you to execute commands on the database and see the result. It is an advanced tool that should only be used by people who know SQL and the Pandora FMS database schema in sufficient detail.

This misused tool can destroy data or permanently render the application inoperative.

The extension is accessed from the Admin tools menu → DB interface:




Type the command in the blank field and click Execute SQL.

## DB Schema Check

This check can only be performed on MySQL Databases.

This is an extension that allows checking the structural differences between the established Pandora FMS database, and a standard scheme to compare possible errors.

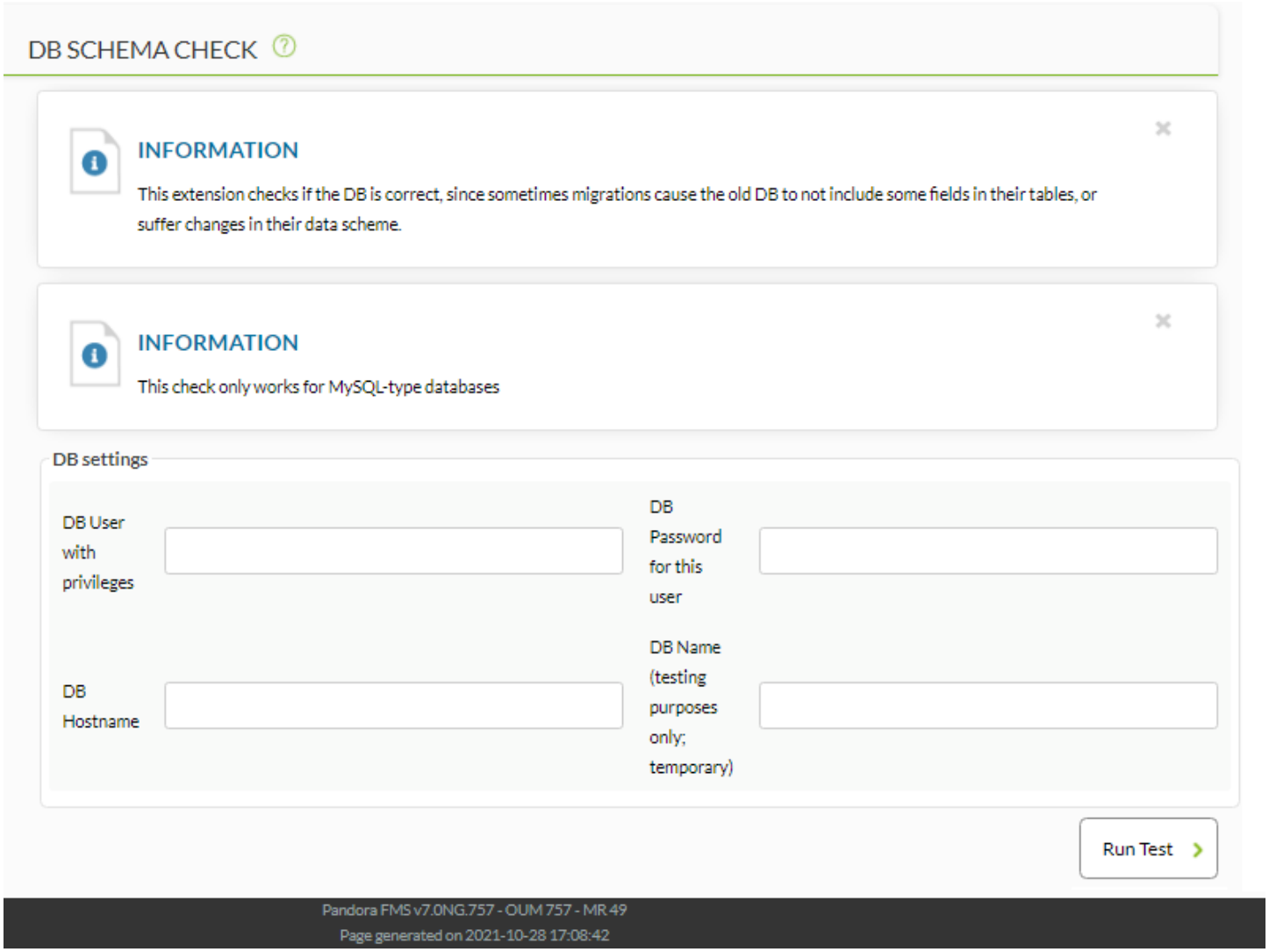
It is recommended to use this extension to check if a
database migration was successful

The operation is as follows:

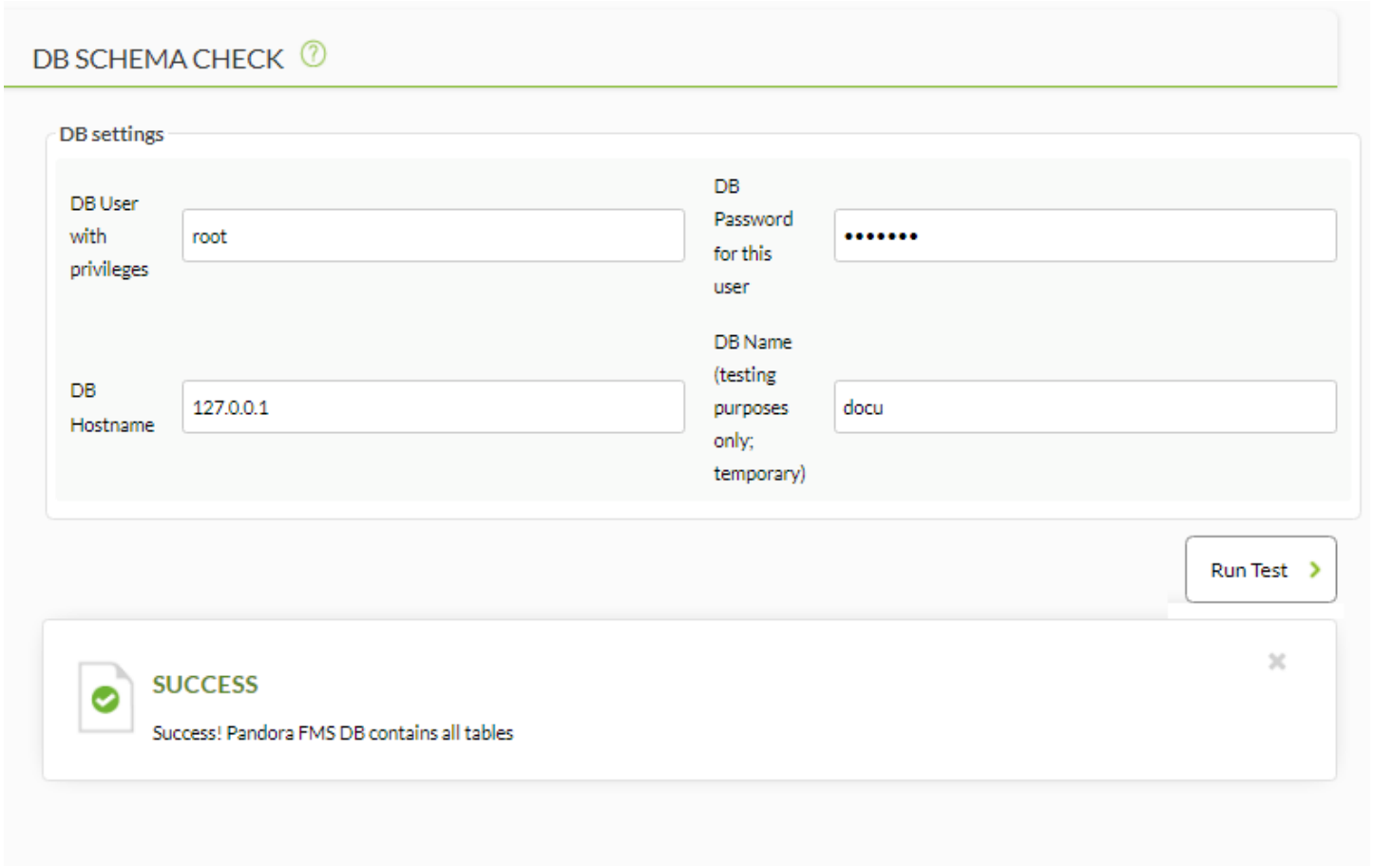
- A temporary database is created with the structure that the installation database must have

(different depending on the installed version).

- The database created is compared with the database referenced in the installation.
- The temporary database is deleted.




Enter your database access data and click the Run test button. For example:




Back to Pandora FMS documentation index