

# What is new in Balabit's Privileged Session Management 5 F6

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Abstract

What is new in Balabit's Privileged Session Management (PSM)



# Table of Contents

- 1. Upgrade to the new release ..... 3
- 2. Changes since PSM 5 F5 ..... 5

## 1. Upgrade to the new release

This is a feature release, which means that it will be supported for 6 months after the release date or 2 months after the release of a succeeding feature release (whichever date is later). It also means that if you are running a previous feature release (such as versions 5 F1 or 5 F2), you have 2 months to upgrade to version 5 F6 if you want to keep running on a supported release.

For a full description of stable and feature releases, see the *Balabit version policy*.

### Who should upgrade

We recommend you to upgrade to PSM 5 F6, if you are not running PSM on Pyramid hardware and any of the following is true:



#### Warning

Physical PSM appliances based on Pyramid hardware are not supported in 5 F1 and later feature releases. Do not upgrade to 5 F1 or later on a Pyramid-based hardware. The last supported release for this hardware is 5 LTS, which is a long-term supported release.

If you have purchased PSM before August, 2014 and have not received a replacement hardware since then, you have Pyramid hardware, so do not upgrade to PSM 5 F1 or later. If you have purchased PSM after August 2014, you can upgrade to 5 F1.

If you do not know the type of your hardware or when it was purchased, complete the following steps:

1. Login to PSM.
2. Navigate to **Basic Settings > Troubleshooting > System debug**, click **COLLECT AND SAVE CURRENT SYSTEM STATE INFO**, and save the file.
3. Open <https://support.balabit.com/> and click **Submit a Ticket**.
4. In the **Type of request** field, select **Request for information**.
5. Into the **Subject** field, enter **Determining hardware type**.
6. Click **Add File**, and upload the file you downloaded from PSM in Step 1.
7. We will check the type of your hardware and notify you.

- You wish to take advantage of any of the new features.
- You are running a previous feature release.
- You are OK with having to continuously upgrade to the latest feature release to remain supported. We are releasing new feature releases approximately once every 2 months.



#### Warning

Downgrading from a feature release is not supported. If you upgrade from an LTS release (for example, 4.0) to a feature release (4.1), you have to keep upgrading with each new feature release until the next LTS version (in this case, 5.0) is published.

All questions, comments or inquiries should be directed to <info@balabit.com> or by post to the following address: One Identity LLC 1117 Budapest, Alíz Str. 2 Phone: +36 1 398 6700 Fax: +36 1 208 0875 Web: <https://www.balabit.com/>

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## How to upgrade

For step-by-step instructions on upgrading to PSM 5 F6 see the *How to upgrade to Balabit's Privileged Session Management 5 F6* guide.

## 2. Changes since PSM 5 F5

### Central configuration management

It is now possible to join multiple PSM nodes into a cluster, monitor their status, and update their configuration from a central location. Note that this feature is currently in an experimental status: consult your Support representative before enabling it.

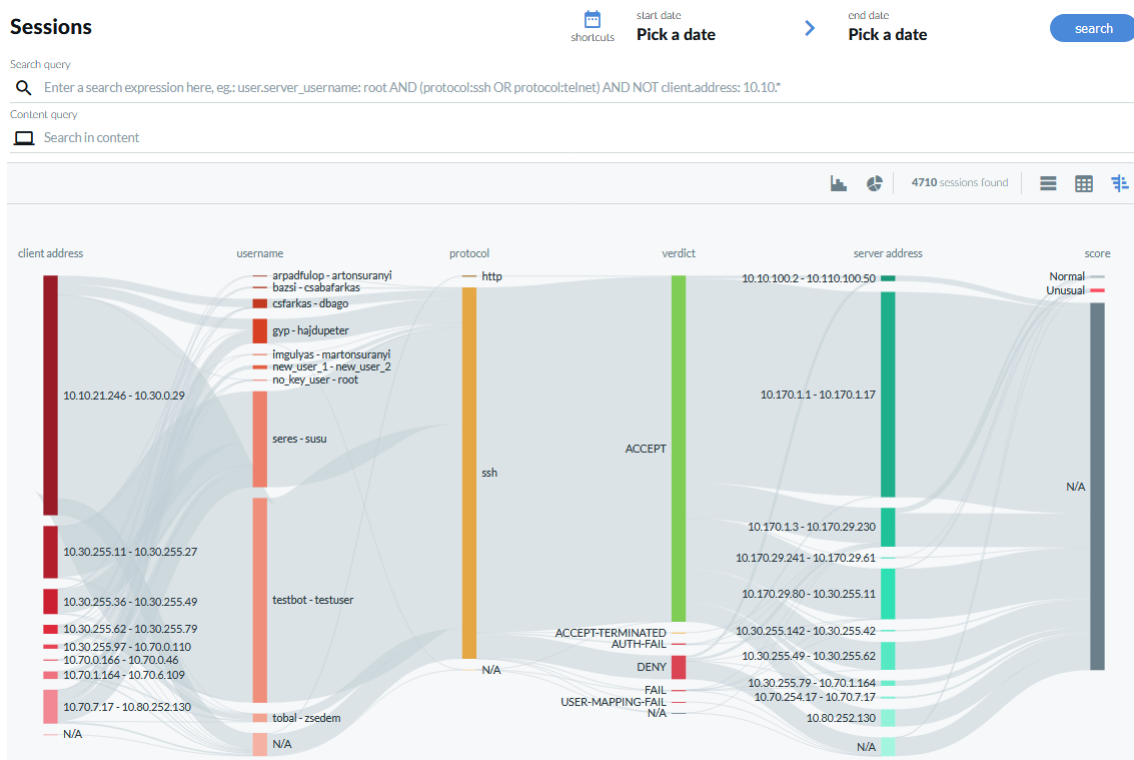
For details, see [Section 6.2, Managing PSM clusters](#) in *The Balabit's Privileged Session Management 5 F6 Administrator Guide* and [Section 5.11, Manage PSM clusters](#) in *Using the Balabit's Privileged Session Management REST API*.

### Quick session analytics

The Search interface can now display an interactive visual overview of search results to quickly visualize their distribution along multiple attributes, such as client and target IP addresses, protocol, or usernames. It can be used to identify patterns in user behavior and drill down fast to the most relevant sessions.

For details, see [Section 17.1, Searching audit trails — the PSM connection database](#) in *The Balabit's Privileged Session Management 5 F6 Administrator Guide*.

Figure 1. Search > Search — Flow view



### Windows event log ingestion

It is now possible to send event logs from Windows servers to PSM. Login, logout, and process execution events are processed to be shown as sessions alongside the recordings made by PSM. This allows security auditors to see the whole picture about all access to critical systems without having to leave the PSM interface.

## Privileged Account Analytics improvements

For details, see [\*Procedure 18.6, Ingesting logs with PSM\*](#) in *The Balabit's Privileged Session Management 5 F6 Administrator Guide*.

### Privileged Account Analytics improvements

**New analytics algorithm:** A new algorithm has been added to the Privileged Account Analytics (PAA) module. The window title algorithm analyzes window titles in graphical protocol sessions to uncover unusual user behavior. It identifies users based on what window titles they usually have on their screen. It is currently an experimental algorithm and is disabled by default.

**Self-evaluation of algorithms:** It is now possible to run a self-evaluation tool on all algorithms to get feedback about how well they perform in a given environment. Using the results of the evaluation, it is possible to fine-tune your algorithms where necessary.

**Free 2-month trial available for all users:** You can now enable Privileged Account Analytics for free for 60 days on your PSM host to gain insight into what your users are doing, and how risky their actions are.

For details, see [\*Configuring Balabit's Privileged Session Management for use with Privileged Account Analytics\*](#).

### REST API improvements

It is now possible to change the settings for the RDP protocol using the `/api/configuration/rdp/settings_policies/` endpoint.

For details, see [\*Section 9.6, RDP settings policies\*](#) in *Using the Balabit's Privileged Session Management REST API*.

### Screen content search in sessions indexed by the old Audit Player

It is no longer possible to search for screen contents indexed by the old Audit Player on the new search UI and the REST interface. Searching in session metadata (such as IP addresses and usernames) and in extracted events (such as executed commands and window titles that appeared on the screen) remains possible.

As the old Audit Player was replaced and deprecated as an indexing tool during the 4.x versions, this should only affect very old sessions. Sessions that were processed by the new indexing service will work perfectly. If you wish to do screen content searches in historical sessions, [\*contact the One Identity Support Team\*](#).

### Other changes

- Following the acquisition of Balabit by One Identity, the user interfaces of PSM and the Desktop Player have been updated to be more aligned with the One Identity brand. You can learn more about the acquisition at the [\*One Identity Acquires Balabit: Frequently Asked Questions\*](#) page.
- It is now possible to change the accuracy level of the Optical Character Recognition (OCR) analysis of graphical sessions. The accuracy level remains unchanged for existing indexer policies but the new default is the "balanced" setting that offers much improved performance with a minimal trade-off in accuracy.  
For details, see [\*Procedure 15.1, Configuring the internal indexer\*](#) in *The Balabit's Privileged Session Management 5 F6 Administrator Guide*.
- Alerts defined in Content Policies are now only sent out again if there is change in the matched screen contents to avoid flooding security administrators with alerts.