



REAL-TIME TECHNOLOGY

**NEW!**

**This innovation is part of  
SF-Sherlock Version 8**

**SECURITY**

z/OS + z/LINUX

## **z/OS Productivity Warehouse (zPW)**

**Maintaining critical multi-sysplex mainframe environments represents a highly comprehensive and responsible task** - for all parties involved. This becomes especially true in case of suspicious problems or non-trivial situations suddenly showing up. Especially when resulting from tiny simple actions, such as a configuration file change or another regular maintenance step, or the issue relates to security. Anyway, searching for “tiny reasons” easily becomes complicated and tedious, and tends to be especially “stressful” when it happened anywhere, some time ago, and you even don’t know about it. Unfortunately, your system and performance monitoring tools won’t help you in such situations.

**Now, the new z/OS Productivity Warehouse takes over an important role**, especially when an urgent situation becomes tricky, unregular or inexplicable, i.e. in any way “strange”. Simply enter your “trails”, “evidences” or “presumptions” in the warehouse query panel to request all information that might be helpful. For example, enter any message Id, module, library, or member name. The warehouse now tries to help you by identifying all information relevant to your issue, such as any object-related details, occurred changes or dynamic modifications, and much more. No old logs or SMF records need to be reloaded, all important information is always online and ready for instant answers. Maybe, the given problem results from a parmlib change within your “territory” that you did not recognize. For example, it was performed by a colleague some days ago, and now becomes active. Or the problem comes from any missing definition, or any other little detail. “Digging” in the zPW’s comprehensive cross-sysplex online history finally completes your teams’ support in such situations. All system and performance monitoring tools are cool and helpful, but represent only one part of today’s necessary equipment. Compared to the warehouse these tools report and focus on the current moment by providing a kind of real-time insight when you press ENTER – but no history. This missing information now becomes contributed by the z/OS Productivity Warehouse.

**Why does the z/OS Productivity Warehouse definitely help you?** The entire warehouse concept and development was driven by best-practice approaches resulting from critical large-scale installations and their demands. The goal was always given in keeping the search simple by instantly providing great results making all parties involved grateful. Therefore it’s important to note that SF-Sherlock’s warehouse approach goes beyond any security-focused monitoring, such as tracking all resource accesses or using any SIEM.

**Take the z/OS Productivity Warehouse to the test**, and further improve your mainframe platform’s overall productivity and availability as well as its security and compliance.

Last but not least, please recognize that **no additional license costs result from using the z/OS Productivity Warehouse**. It’s part of the regular SF-Sherlock solution package.

## **Simplicity of the user interface while still achieving great results is a main design guideline given for the z/OS Productivity Warehouse**

### **Parties definitely appreciating the z/OS Productivity Warehouse**

- First of all, the mainframe installation's size doesn't matter. The z/OS Productivity Warehouse is of high value from any sysplex and LPAR number onwards.
- Both operational as well as audit-related departments definitely will appreciate the opportunity of having online access to all important details and events within their fields of responsibility.
- Automatically created warehouse-based reports help your management to more early and easily identify risks, problems or improper situations potentially resulting in future concerns. Again, SF-Sherlock's comprehensive monitoring, together with its productivity warehouse, stand aside of your well recognized performance and system monitoring tools – both kinds of instruments are necessary to be productive.

### **Just some sample benefits in detail**

- Dataset changes are reported in detail. Means you also see what has changed, not just the fact of any change. What does the latter help in case you have problems? In a challenging problem situation it's all about details – and zPW provides them.
- Pre-defined best practice queries allow “quick approaches” for several questions and scenarios – just in case you don't know where to start your search.
- Switch directly to your change management system in use to verify identified changes and their responsible.
- The warehouse's cross-sysplex approach avoids performing tedious search procedures repeatedly on each single system or sysplex. All information from all your LPARs of all your sysplexes becomes available at a single-point of search – and that's the warehouse.

### **Operational and performance details**

- The automatic and selective cleanup procedures avoid any excessive DB2 table space usage by keeping information only as long online as necessary, depending on its time-related importance and value.
- The warehouse update happens fully automated - in a frequency of free choice.
- All maintenance and operational information kept in the warehouse is online and available for both instant queries as well as routine reporting.
- Standard reports are provided focusing on general important issues.
- You may build your own SQL-based queries. This lets you evaluate everything and anything.

### **It's all about security**

- DB2's security provides comprehensive protection and allows you to grant filigree access authorities to the warehouse content.
- You may use separate warehouses for individual groups of users. Maybe your installation prefers keeping security and audit information away from operational departments. Access authorities can be setup individually for each warehouse.

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