

streamworks

Workload Automation



Automatic SAP System Copy

Best Practice: SAP | Data Center Automation

This Best Practice demonstrates how to fully automate the many steps of a homogenous SAP system copy.

Background Situation

„streamworks“ allows you to automate and optimize the standard SAP process for system copies and synchronize this process with all other SAP batch processes. Key additional functions extend the range of possible applications and, together with the integrated „streamworks“ process logic, result in time savings of well over 90 percent compared with the manual process.

Benefits



- Automatic SAP system copy overnight
- Quality assurance in the SAP test system with daily production data
- Synchronization of system copies with business and backup processes
- Cost reductions thanks to standardization, predictability, and time savings of over 90 percent





The Challenge: SAP Standard: Work-intensive Quality Management

SAP recommends creating a system copy in order to conduct extensive tests on elements such as new programs (reports), interfaces, and processes within a SAP landscape. The same applies if there is a change to the operating system and/or database releases. More and more companies rarely make a system copy due to the high costs involved in manually creating a system copy.

Most companies would rather take their chances and perform the tests on old system states after weighing the costs and benefits of a manual copy. Unfortunately, this always results in poor data and test quality.

The Solution: Integrated System Copies Overnight

A process automated with „streamworks“ for creating a SAP system copy can greatly reduce the workload and risk while ensuring consistent process quality and providing the necessary flexibility in day-to-day business by creating copies at the push of a button. It is possible to plan copies of SAP systems with ABAP, Java, and Dual Stack in the space of minutes either within the „streamworks“ user client or via an additional graphical user interface. All preliminary tasks, cleanup activities, modification work and additional preventative resource checks specified by SAP, as well as optional, configurable user exits on the operating system and SAP level are automatically processed and logged in steps that can be repeated at a later date.

The source data for the copy can be imported using the backup process preferred by the user. The logical system name is implemented via the BDLS report in an optimized process. The typical „streamworks“ rule sets ensure optimized start times (after the end the backup, after the end of daily processing etc.), continuous monitoring, and alerts in the event of errors.

You have questions, need information or a contact?
Get in touch with us.

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