

End-to-End SAP System Copy Automation

With SAP Central Process Scheduling by Redwood

At A Glance

Features

- Automates the SAP system copy process end to end, including pre- and post-copy tasks
- Saves export/import processes as templates that can be replicated quickly and easily
- Continually monitors systems to detect and correct storage threshold breaches

Benefits

- Improves copy process, speed, integrity and reliability
- Significantly reduces management overhead, errors and inconsistencies
- Ensures smooth data transfer and eliminates service calls for out of space conditions

Advantages

- The only solution being developed in lockstep with the SAP System Copy roadmap
- Leverages the only workload automation solution co-developed and supported by SAP

There are many reasons to make a copy of your critical production SAP® systems: testing SAP upgrades, verifying new customization, refreshing test environments, and replication for disaster recovery, to name a few. Whatever the reason, SAP system copies are made regularly. But the process commonly takes several days and requires much manual intervention – and it can slow down testing, development and production system performance.



Because you rely on the flawless operation of your SAP software to run your business, you can't afford that kind of impact on your systems – or on the people who manage them. Automating the process is the answer but, to get maximum benefit from a system copy automation solution, it must meet several criteria:

- It must be fast, reliable and secure.
- It must work seamlessly with your SAP implementation.
- It must provide true end-to-end automation.

Given the complexity and criticality of your SAP systems, ensuring that all of these criteria are met cannot be taken lightly. Redwood Software has developed a specific SAP System Copy module to leverage the automation capabilities and tight integration of SAP's own enterprise-wide process automation solution, SAP Central Process Scheduling by Redwood. The module maximizes automation, ensuring the greatest reliability and accuracy as well as accelerating the implementation of copied environments.

Integrated End-to-End Automation

SAP Central Process Scheduling automates any system copy task that doesn't involve human interaction. Pre-export checks, the export process, moving exported data to the import location, the import process itself, post-import processes or post-copy target system validation and license implementations—the vast majority of tasks can be effectively automated, and for maximum time savings, these process stages can be linked together so the completion of one step triggers the start of the next.

Delivering real benefits and fast, reliable target systems deployment requires true end-to-end automation—not just the copy phase. Most products automate the actual copy phase, but can't run the entire process from end to end. The SAP Central Process Scheduling System Copy module provides the detailed content and granular task automation capabilities required to reliably automate the entire process. Overall, the module automates more than 30 tasks such as exporting

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Automated System Copy in SAP Central Process Scheduling.

table content, taking snapshots of released jobs, stopping SAP systems and underlying databases, restoring from backups, and verifying restores down to a granular level.

In addition, the SAP Central Process Scheduling System Copy module is the only solution being developed in lockstep with the SAP System Copy roadmap. The self-contained module is based solely on SAP's own automation capabilities, requires no third-party hardware or software to enable any part of the process, and will integrate with any existing infrastructure, SAP and non-SAP.

The System Copy module can save you 70-90% in time and overhead during the process. Resource use is automatically monitored by SAP Central Process Scheduling intelligent queue management, ensuring that production workload is not impacted and SAP administration staff can focus on higher value activities.

Reusable Export/Import Templates

Performing multiple export and import processes usually requires setting up multiple chains of related tasks for each. This adds significant management overhead and dramatically increases the likelihood of errors and inconsistencies. The SAP Central Process Scheduling System Copy module enables you to set up an export process once, then save the process as a template that can be replicated quickly and easily. Import templates can also be built, making 1-n cloning to multiple target systems simple and efficient.

With these capabilities, you can easily incorporate system copy into your regular SAP automation and maintenance schedule, shortening the refresh cycle and ensuring that test and development systems are kept up to date without overburdening IT staff.

Monitoring the Wider Environment

Successful system copy automation and completion depends on more than just task execution. The underlying infrastructure must also be healthy. You need to know if the target system disk pack is running out of space before you start the data copy. The SAP Central Process Scheduling centralized system monitoring capability detects when

storage thresholds are breached and adds more space to the storage sub-system automatically, ensuring smooth data transfer and eliminating out-of-space service calls.

SAP Central Process Scheduling also continually monitors log files to detect any errors and take corrective action. This is all part of the wider end-to-end automation available with the System Copy module.

Once target systems are populated and ready for use, you'll want to run multiple validation jobs to ensure successful execution of the SAPInst phase and data and system parameter import. With SAP Central Process Scheduling, you can run these tests repeatedly, automatically; secure in the knowledge that they will be consistent and dependable.

The SAP Central Process Scheduling Advantage

By using SAP Central Process Scheduling you not only accelerate system copy – you benefit from using the only process scheduling and workload automation solution sold and supported by SAP. This means that support for your system copy automation solution comes from the system copy experts: SAP. Add to that the unique integration that SAP Central Process Scheduling provides for SAP applications including SAP Financial Closing cockpit, SAP NetWeaver Business Warehouse and SAP Solution Manager; as well as the fully dynamic, real-time automation enabled across your SAP and non-SAP landscapes – and you have real advantages in choosing to use SAP Central Process Scheduling by Redwood.

To find out more about the SAP Central Process Scheduling System Copy module please contact your nearest Redwood Software office.

