

SharePlex® for Oracle – SAP Migrations

SAP CUSTOMERS MINIMIZE DOWNTIME AND ELIMINATE RISK DURING MIGRATIONS AND UPGRADES

Thanks to SharePlex, Volvo IT reduced the migration downtime by 90%, meeting the customer's requirement for minimal downtime.

Read the complete story at http://www.quest.com/case_studies/

- Near real-time database replication solution complements the SAP migration process.
- Minimal impact on the source system with very low overhead that does not change the live application.
- Configurable to suit the needs of highly customized implementations.
- Ensures high availability and disaster recovery of mission critical systems during migrations.
- The first database replication solution that SAP has endorsed. (SAP customers can read the Executive Summary available in the SAP OSS Note 819826 www.service.sap.com).

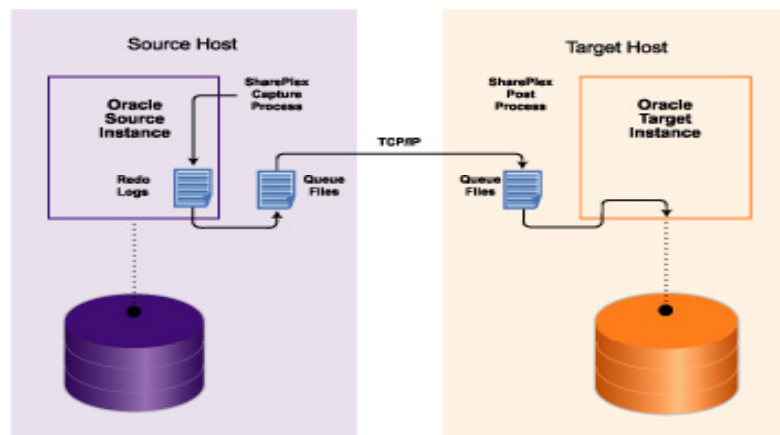
Many modules of the SAP applications such as payroll and financials are mission critical and cannot afford any extended periods of downtime. Downtime costs companies hundreds, thousands, or even millions of dollars. However, during the lifetime of any installed SAP application, several upgrades for new hardware, OS, or database versions, or even migration to a new hardware or database platform are mandated. Such upgrades are extensive and typically require prolonged periods of downtime.

Companies that run their SAP applications on Oracle databases need a solution to reduce downtime associated with migration. SharePlex for Oracle provides SAP administrators and business stakeholders the ability to minimize downtime and eliminate risk during migration, while maintaining high availability with no impact on the source system. This results in tangible, significant cost savings.

SharePlex is the world's leading high-performance replication solution for critical data availability deployments with over 600 customers worldwide.

SharePlex's log-based replication technology approach is unique because it provides data integrity in an unobtrusive way that does not impact or change the live source application.

The natural evolution of SAP systems often involves a platform change, but in most business environments the windows of downtime available are not enough for the entire migration period. Migrations reap long-term business benefits, but traditional migrations often present major availability challenges. With SharePlex, these challenges are overcome by minimizing downtime. SharePlex also eliminates risks associated with hardware and software migrations and ensures high availability and disaster recovery of mission critical systems during migrations.



Users of SharePlex have control over the flow of data through the queues. Data can be stopped on the target from being posted or applied to the target database.



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System Requirements

Unix

- SQL*Plus
- Per-process memory greater than or equal to 256 MB
- A recommended hard limit system file descriptors setting of a minimum of 1024 or higher, or as close to that as system resources permit
- See the UNIX pre-installation checklist for additional system requirements

Linux

- Minimum 1 GB of RAM
- System swap space equal to or greater than twice the amount of RAM
- 400 MB of space in the /tmp directory
- Pentium II processor 233 MHz, minimum

Windows

- Minimum 300 MB of RAM
- Additional 200 MB of page file size if the current size is 80% or more used
- Oracle 8.1.7.x client
- MS Terminal Server or PC Anywhere for providing technical support through remote login

See the Windows pre-installation checklist for additional system and database requirements

SharePlex's network-efficient, highly configurable, near real-time replication capabilities solve a wide range of mission critical availability challenges, ensuring customer's applications are available and performing at optimal levels. Unlike competitive replication solutions, SharePlex employs a streaming process outside the database, minimizing the impact on database performance and network bandwidth.

Read a case study

For information on SharePlex for Oracle, or to read a case study, please visit www.quest.com/shareplex.

About Quest

About Quest Software Quest Software, Inc. delivers innovative products that help organizations get more performance and productivity from their applications, databases and infrastructure. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 18,000 customers worldwide meet higher expectations for enterprise IT. Quest Software, headquartered in Irvine, Calif., can be found in offices around the globe and at www.quest.com.



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