

CENTRAL BUSINESS SOLUTIONS

Business Solutions Through Cutting Edge Technology

SQL-Replicator High Availability and Data Replication Solution for your Business

CBS has done an excellent job in solving redundancy issue for our NMS application which runs across satellite. CBS suggested and implemented right solution for our scenario .

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About CBS

CBS is a leading provider of high-value, high-performance software products and services. CBS has experience in many industries, including healthcare, financial services, telecommunications, manufacturing, distribution, design, print & publishing, media & entertainment, and education.

CBS's products are designed to provide customers with the highest level of scalability and reliability at an unbeatable total cost of ownership.

SQL Server Replicator

CBS has expertise in SQL Server Data Redundancy Solutions. CBS has implemented some very complicated redundancy scenarios for its clients using their tool SQL Replicator. When SQL Server goes down, so does your profits. SQL Server data replication and rapid disaster recovery solutions from the experts at CBS ensure uninterrupted data access and productivity .

What is Sql Server Replication?

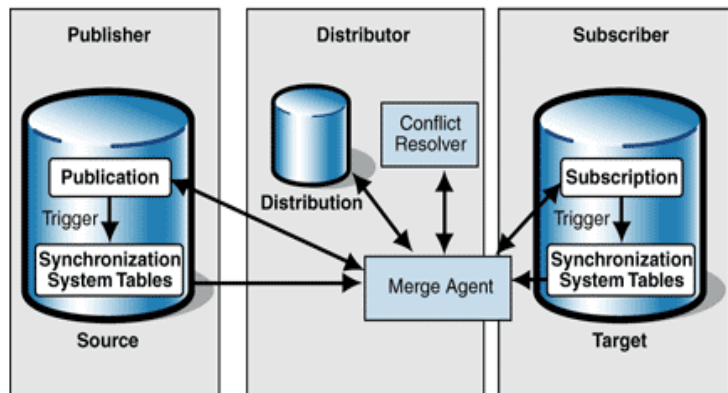
SQL Server replication allows database administrators to distribute data to various servers throughout an organization. You may wish to implement replication in your organization for a number of reasons, such as:

Load balancing - Replication allows you to disseminate your data to a number of servers and then distribute the query load among those servers.

Offline processing - You may wish to manipulate data from your database on a machine that is not always connected to the network.

Redundancy - Replication allows you to build a fail-over database server that's ready to pick up the processing load at a moment's notice.

Which Replication Architecture is right for you ?



Snapshot replication acts in the manner its name implies. The publisher simply takes a snapshot of the entire replicated database and shares it with the subscribers. Of course, this is a very time and resource-intensive process. For this reason, most administrators don't use snapshot replication on a recurring basis for databases that change frequently. There are two scenarios where snapshot replication is commonly used. First, it is used for databases that rarely change. Second, it is used to set a baseline to establish replication between systems while future updates are propagated using transactional or merge replication.

Transactional replication offers a more flexible solution for databases that change on a regular basis. With transactional replication, the replication agent monitors the publisher for changes to the database and transmits those changes to the subscribers. This transmission can take place immediately or on a periodic basis.

Merge replication allows the publisher and subscriber to independently make changes to the database. Both entities can work without an active network connection. When they are reconnected, the merge replication agent checks for changes on both sets of data and modifies each database accordingly. If changes conflict with each other, it uses a predefined conflict resolution algorithm to determine the appropriate data. Merge replication is commonly used by laptop users and others who can not be constantly connected to the publisher.

Why CBS ?

Tools support some of the most complicated replication and high availability scenarios

Easy installation and configuration

All types of replication Supported for SQL Server 7.0 and above

Real-time replication over WAN/LAN

Tools to Deploy and Undo Replication

Disaster Recovery Tools

Scalability - add more servers as you grow

Qualified Professional Service and Support

Let CBS figure out the complexity !

CBS Replication solution is offered as a complete package mitigating all technical risks in implementation.

Our packaged offering includes SQL-Replicator, Architecture Design & review, and the Onsite Installation, Customization and Training services.

CBS offers 7/24 support. If needed, our experts can be at your site on a relatively short notice.

More Information ?

For demo, pricing and other information please send an e-mail to info@cbsinfosys.com or call 510-575-5500.