ATTUNITY

ATTUNITY REPLICATE

Attunity Replicate is high-performance data replication software that enables organizations to accelerate and reduce the costs of distributing, sharing and ensuring the availability of data across heterogeneous systems.

Benefits

- Deliver timely information for BI and decision support

- Enable operational reporting without impacting production databases

- Replicate data without the need to install software on source and target databases

- Cost savings and lower total cost of ownership (TCO)

- Faster return on investment with quick time-to-value

High Performance Data Replication with Quick Time-To-Value

Attunity Replicate is high-performance data replication software that enables organizations to accelerate and reduce the costs of distributing, sharing and ensuring the availability of data across heterogeneous systems.

Attunity Replicate's architecture facilitates replication from many enterprises databases including Oracle, SQL Server and DB2, and is designed to deliver quick time-to-value with its:

- **'Click-2-Replicate' design:** significantly simplifying user experience by automating the steps required to build a replication solution with packaged software that is fast to learn and implement.
- **'Zero-footprint' technology:** reducing impact on IT operations with log-based capture and delivery of transaction data that does not require the Attunity software to be installed on source and target databases.
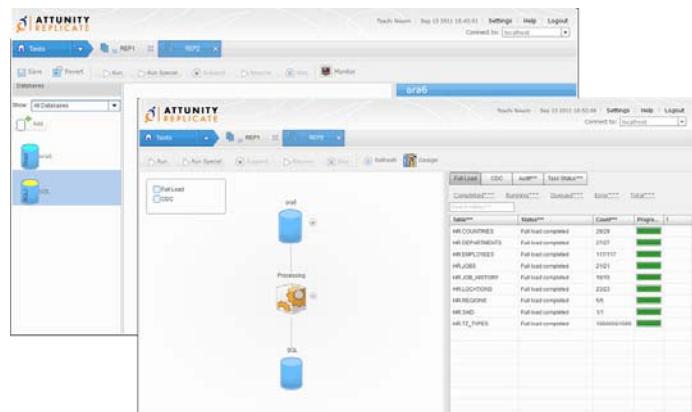
With Attunity Replicate, enterprises can:
- Load data efficiently and quickly to operational data stores/warehouses
- Create copies of production databases to enable operational reporting
- Offload queries from operational systems to reduce load and impact
- Facilitate zero-downtime migrations and upgrades
- Distribute data across data sources/centers

Attunity Replicate offers a **web-based and intuitive user experience** that enables users to quickly configure as well as monitor replication tasks. With its 'Click-2-Replicate' design, Attunity Replicate automates the replication of database schemas, full tables (snapshot replication), and incremental changes (transactional replication).

Attunity Replication Console

Key Capabilities

- Heterogeneous & Homogeneous replication
- High speed replication of full database tables
- Low latency, transactional replication of database changes
- Low impact log-based CDC
- Schema & DDL replication
- Tables & column selection
- Content-based (row-level) filtering
- Mapping & transformations
- Reliable delivery & recovery
- Web-based configuration with Click-2-Replicate design
- Web-based monitoring with dashboard, metrics & alerts

Supported Sources

- SQL Server
- Oracle
- DB2 (LUW, iSeries, z/OS)
- NonStop SQL/MP

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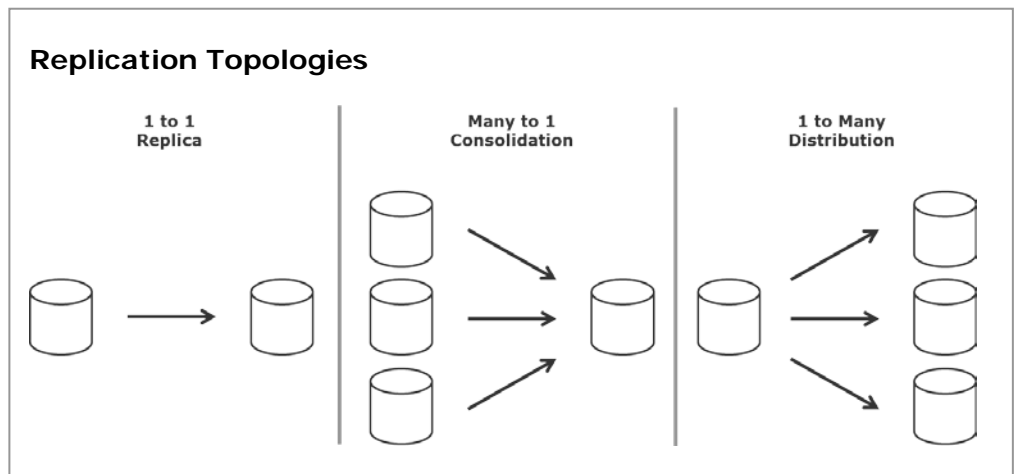
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High Performance

Throughput, Speed, Scale

Attunity Replicate is designed to scale and support large scale enterprise data replication scenarios with a multi-server, multi-task, and multi-threaded architecture. Organizations can install multiple Replication Servers, each of which can run many Replication Tasks, each of which replicates a set of tables. The solution can scale to handle the replication of thousands of tables, leveraging high-speed extract and load technology for snapshot replication and log-based change-data-capture (CDC) for incremental replication.

Transactional Replication

Low-impact, Low-latency, Integrity

Attunity Replicate uses change data capture (CDC) agents to replicate only the changes made to the source database systems, using log-based CDC technology to ensure minimal impact. Changes can be streamed from source to target with low latency, and are delivered on a transaction by transaction basis to ensure transactional integrity of the data at any point in time. Attunity Replicate always maintains the location of the last delivered transaction to ensure guaranteed delivery and reliable recovery.

Replication Topologies

1 to 1 Replica | Many to 1 Consolidation | 1 to Many Distribution

Schema and DDL Replication

Attunity Replicate automates the generation of the target database based on the metadata definitions of the source schema. Furthermore, it can capture changes made to the source database schema (e.g. adding new tables or columns, changing data types) and replicate those dynamically to the target. This simplifies and accelerates the process of handling metadata changes to ensure the target is always in sync with the source.

Monitoring and Control

Attunity Replicate comes packaged with a web-based monitor that enables users to instantly view the status of Replication Servers and Tasks using a dashboard that presents metrics, gauges, and alert notifications. Using a browser, users can view the system from anywhere as well as control it (e.g. start/stop/reset replication tasks). In addition, logs are produced to support enterprise management systems.

Attunity is a leading provider of real-time data integration software that enables access, sharing and distribution of data across heterogeneous enterprise platforms, organizations, and the cloud. Learn more at: www.attunity.com/attunity_replicate.