

Cross Platform, Scalable, Mission Critical Deployment

RDS

RepliWeb Deployment Suite

Enterprise Class

Replication

RDS™ is a scheduled, file replication and synchronization software for enterprise environments including Windows, UNIX, and NAS servers.

RDS enables replication and synchronization of files and directories over networks, regardless of content, volume, or production and networking environment. RDS delivers peer to peer push or pull replications enabling more complex one-to-many, many-to-one, and cascaded replications.

RDS is ideal for enterprises running UNIX, Windows, and heterogeneous combinations of them, transparently replicating data between all systems.

Benefits & Highlights

■ Scalability

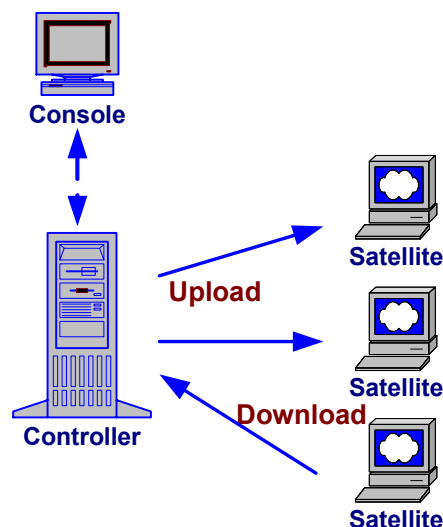
Scales to handle very large files and huge replication trees – without maximum size limit or performance degradation as content volume grows. The synchronization time does not depend on the total volume of data to be replicated, but only on the volume of changes.

■ Reliability

Replication processes run in the background, unattended. The scheduling framework provides automated recovery that is resilient to any failure including reboot, power outage and loss of network connectivity. Failure recovery resumes at the exact point of failure once connectivity is restored.

■ Business Intelligence

RDS is highly flexible and feature rich, allowing the user to configure replications according to business needs. Replications can be tuned to include or exclude specific files and folders, to perform pre and post replication tasks, and to be sensitive to network bandwidth or server CPU. RDS is built to accommodate high-speed LAN networks as well as slow WAN networks or busy networks where replication bandwidth use needs to be controlled.



■ Security

RDS provides secured replication. Being TCP/IP based and not relying on windows networking, it is firewall friendly. Data transfer is encrypted and authenticated.

■ Manageability

Either GUI, command line or API interface can be used to define, monitor, and control replication processes from anywhere on the network. Centralized reporting and logging options provide replication related data at corporate IT level.





RepliWeb Deployment Suite

Replication Features

- ❑ Unique Comparative Snapshot Technology™ (CST) synchronization engine capable of the infinite scaling of replicated data volumes.
- ❑ Runs as an unattended service, providing advanced scheduling and prioritization with control from anywhere on the network.
- ❑ High level TCP/IP application, firewall friendly, not relying on Windows networking.
- ❑ Performs concurrently unlimited number of "push" and "pull" replications with different destinations. Features include:
 - Preserving NTFS and UNIX security attributes and permissions
 - Defining selected files to be included and/or excluded from the replication
 - User defined pre and post replication commands
 - Reporting and logging options including Windows Event Viewer, UNIX Syslog and e-mail notification
 - Automated recovery resumes at the exact point of failure
 - Advanced Scheduling - totally unattended, background distribution process, supporting priority, time, event and logic as policy definitions
- ❑ Leverage existing network infrastructure and legacy systems by replicating volumes of any content type on all production environments:
 - Deliver accelerated replication for high speed networks using simultaneous data transfers to maximize network throughput
 - Transparent data compression for slow WAN networks
 - Configurable Bandwidth Control preventing performance degradation of other network applications
 - Unique differential transfer algorithms that distribute only the deltas between source and target file-systems
- ❑ Security includes encrypted and authenticated data transfer as well as extended security features like advanced rule base or virtual users capability.
- ❑ "Plug and Play" software - no system modifications, no device drivers installed. User-friendly installation and set up does not require a reboot. The complete functionality is available through GUI, command line, and a programmable API.
- ❑ Full cross platform replication and interoperability between different operating systems. Currently available for - and transparently interoperates between - the following operating systems: Windows NT (SP4 or higher), Windows 2000, Windows XP, Red Hat Linux (kernel 2.2.x & 2.4.x - Intel x86), IBM AIX (4.3 or higher), Sun Solaris (2.7 or higher - SPARC), HP-UX (11.0 or higher), OpenServer (SCO), IBM NAS 200/300.



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