

Highlights

- Quickly identify replication issues before service levels are severely impacted
- Ensure accurate and timely delivery of business information
- Deliver personalized information via customizable portals
- Benchmark and monitor replication performance
- Automate replication rules
- Send automated alerts when replication rules have been violated
- Reduce infrastructure and administrative costs

Permesssa Replication Control! v6

Permesssa Replication Control! is the industry's most comprehensive application management solution for analyzing and monitoring the performance, activity and reliability of large-scale IBM Lotus Domino replication environments.



By measuring server-to-server replication performance, Permesssa Replication Control! automatically discovers topology and scheduling problems and facilitates major network change projects such as server consolidations, platform upgrades and topology designs.

Permesssa Replication Control! eliminates the need to troubleshoot the majority of enterprise servers that are performing efficiently and focus on the problem areas – enabling corporate IT staff to be proactive rather than reactive.

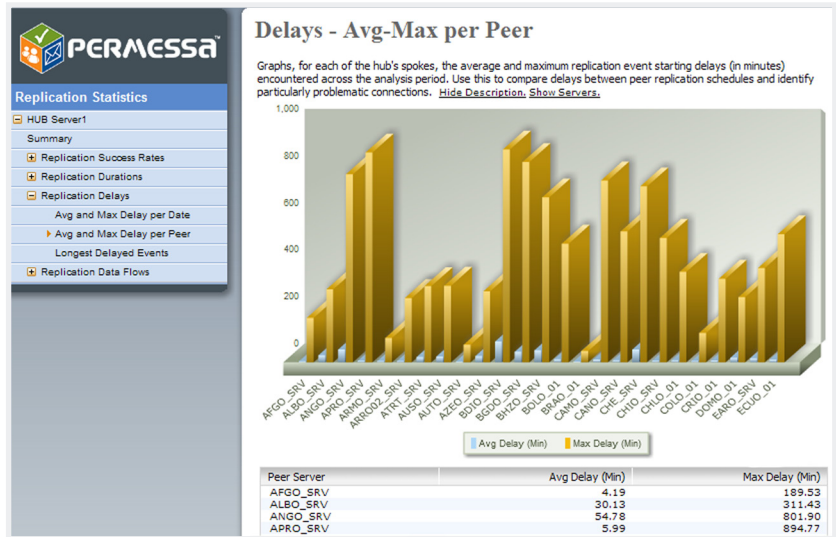
Application tracking functionality provides operational information about database replication in the environment. Information provided includes document counts, volumes, times and errors on the database level.

Permesssa Replication Control! enables corporate IT to better manage, monitor, and control enterprise applications and the replication network, resulting in a dramatically improved quality of service (QoS) and a substantial reduction in infrastructure and administrative costs.



Features

- Scalable for distributed, enterprise-wide analysis, monitoring and alerts. No need for time-consuming, manual consolidation of individual server logs and reports.
- Eliminates the need to troubleshoot servers without problems (typically 80% of all servers).
- Web-based portals assemble information for a particular audience or area of interest. Distribute and share customized reports using a web browser. No additional software is required.
- Automatically generates reports and notifies recipients by email when completed. Schedule reports to eliminate the need to manually generate them.
- Includes more than 100 standard reports that provide exhaustive analysis of all replication components and vital indicators such as routing activity, network traffic and disk consumption.



- Plain-language report wizard makes it easy to navigate to the right report.

Examples

- **Topology Design and Optimization:** Analyze, design or redesign replication topologies taking into account server performance, bandwidth availability and scheduling. Assists with server consolidation. Design replication hub architecture to optimize traffic.
- **Schedule Analysis and Optimization:** Analyze enterprise replication schedules across time zones. Eliminate scheduling conflicts and other inefficiencies. Identify poor replication performance and optimize schedules. Develop metrics for ongoing tracking and improvement of on-time schedule performance.
- **Replication Load Balancing and Distribution:** Analyze hub replication loads and distribute the loads across existing hubs. Provide scheduling solutions to optimize hub replication capacity and avoid hardware expenditures. Design hub-splitting solutions in cases where existing hubs are unable to support the required replication load.
- **Traffic Reduction and Control:** Identify applications which replicate to remote sites but are not used at those sites, and remove them from the replication plan.
- **Application Replication Management and Usage Trends:** Solve the “replicate vs. allow remote access” dilemma on a per-application basis. Ensure that key applications replicate to all required sites and only to required sites. Track traffic for load balancing and capacity planning. Fix replication errors to ensure error-free synchronization.
- **Service Level Management:** Define replication service levels using various metrics for on-time schedule performance. Measure service levels across the network, broken down by network segment, geography, server, etc. Allow for variances in service levels based on geography and quality of network links. Identify chronic weak links and analyze the source of the problems.
- **Traffic Monitoring and Alerting:** Monitor replication performance, errors by server, and replication traffic volumes down to the level of the individual application. Set up active alerts on severely low performance levels, abnormal replication traffic volumes, or excessive numbers of database-specific replication errors.



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