



Enhanced Data Transfer

Dramatically improve the robustness and speed of your differential data transfer with RiverMeadow's unique Enhanced Data Transfer (EDT) engine.

Your data is growing every day, and moving that data to - or within - the cloud is becoming increasingly slow and unreliable, even with fast gigabit networking in place.

RiverMeadow's EDT engine provides fast file copy and block level synchronization over your WAN at speeds up to **100X faster** than your current solution, without losing any file attributes or settings. You can easily accelerate your existing network applications, without modification, by simply routing their TCP connections through a secure, high-speed tunnel.

The TCP protocol used for most network communications was designed to be reliable and maintain the exact order of your data. When a packet is lost due to network congestion or other error, the protocol backs up and restarts from the point of the lost packet.

As the round trip time (RTT) between source and destination increases due to distance or added network hops, the time required to detect a lost packet, rewind, and restart transmission grows, slowing your overall throughput to a crawl.

EDT works around this issue by multiplexing your data over many parallel TCP connections and dynamically routing your data across those connections to avoid bottlenecks. As well as this it also applies adaptive compression is also applied to your data in order to find the optimal level of compression for maximum transfer rates.

By reducing bottlenecks and increasing overall efficiency, EDT makes moving data between servers, sites, and cloud services in your WAN environment faster and more efficient, shrinking maintenance windows, streamlining projects, and reducing costs.

Available for Windows File-Based migrations for Windows 2008 or newer Operating Systems, EDT is an opt-in only feature for full, differential and data only file based migrations.

Enhanced Data Transfer - New Features & Capabilities

1. Enhanced performance for identifying change sets
2. Incremental file-based delta transfers for more efficient transfer of large files with minimal changes
3. Modern and efficient checksum algorithm
4. Configurable Session Threading to handle poor network conditions more effectively
5. Bandwidth throttling to control network bandwidth consumption

Throughout the transfer a status on progress is available and an outage detection time runs to enable close monitoring at all times.

Together with our live migration approach, EDT will guarantee your final sync and cutover will be completed in the shortest amount of time, ensuring you hit your cutover window.

Accelerate your Journey to Cloud with RiverMeadow Enhanced Data Transfer.

