

# Unstructured Data Migration Solution

This solution is designed to address the migration needs of massive unstructured data between NAS systems and between object storage systems.

## SOLUTION VALUE



### Non-Disruptive Data Access

By adopting a side-mounted approach for data migration or disaster recovery, this solution ensures that the existing data access path remains unchanged throughout the entire process. This prevents any impact on the I/O path between front-end applications and storage devices, thereby maintaining business continuity. Additionally, QoS policy configurations help minimize the load on storage devices during migration or disaster recovery, further ensuring stable business operations.



### Seamless Operation for Online Services

The migration tool effectively handles newly generated data after the initial full backup and supports periodic incremental backups. This ensures that real-time updates are properly managed, providing uninterrupted support for online services and enhancing system availability and reliability.



### Optimized Resource Utilization and Cost Reduction

At the same migration or disaster recovery speed, this tool requires only half the computing resources compared to other solutions, significantly improving resource efficiency and reducing operational costs. Its intuitive graphical interface simplifies migration management and monitoring, minimizing manual intervention. Users can easily track migration progress, increasing efficiency and accuracy while lowering usage and maintenance costs.

## SOLUTION ADVANTAGES

### Lightweight Application

This tool features a unique file directory scanning mechanism that efficiently processes massive volumes of unstructured data while ensuring data integrity and consistency throughout the migration process. It supports both full and incremental data migration, effectively handling task failures caused by network disruptions or source resource access issues. With built-in automatic recovery capabilities, it guarantees continuous and reliable data migration.

### Easy Operation

Equipped with an intuitive graphical user interface, this migration tool simplifies operation and management, allowing users to easily monitor key migration metrics in real time. By configuring QoS policies for each migration task, it prevents excessive network bandwidth consumption by individual tasks. Additionally, the tool offers flexible control options, such as defining execution time, setting QoS enforcement periods, and including or excluding specific migration objects to meet diverse migration requirements.

### Strong Compatibility

The migration tool supports NAS storage devices and object storage. Additionally, it can be customized to support private protocols for other object storage services based on customer needs. This high level of flexibility ensures seamless integration, making it a reliable migration solution regardless of the NAS or object storage service in use.

Please feel free to contact us at

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for any inquiries; we are more than happy to assist you.