

Migrating Petabytes of Data to EMC Isilon with Minimal Disruption at the Cutover

for a Fortune 50 Financial Institution

Business Need

- **Migrating to EMC Isilon** as a secondary platform within NAS storage estate.
- Transitioning to Isilon with **minimal disruption at the cutover**.
- Avoidance of **contention during replication**.
- **Copying security and permissions** across platforms without errors.

Challenges Faced

- **Data replication in the background** while transitioning to the EMC Isilon as the secondary NAS solution.
- Managing the amount of **network bandwidth** needed for migration.
- **Driving the consistency** in deploying the solution across all global data centers.

Solution Offered

The customer selected, and was supported by the **EMC Isilon team, to use StorageX for their migration** because it delivered:

- **Single pane view across both CIFS and NFS migrations.**
- Ability to set **QoS during replication** to minimize client impact.
- Ability to manage **bandwidth utilization** as part of the **data copying phase**.
- **Minimal disruption to business for cutover.**
- **Standardization across global data centers.**

Business Impact

1.

Quality of Service

- “Hot” and cold windows for replication with specific bandwidth management criteria.
- Data replication for the initial and incremental replication policy runs while migrating all data.

2.

Reduced Outage Window

- Ensuring data availability for millions of internal and external users.
- Reduced downtime for the final cutover to a fraction of what other solution offers.

3.

Consistency and Single Pane View

- Centralizing the management of the migration to key geographies
- Driving consistency by leveraging the structure regardless of geo-location or protocol.

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