

Global Financial Institution Migrates Petabytes of Unstructured Data to NetApp Data ONTAP® using StorageX® Migration

Overview:

The banking and financial services industry has seen a large consolidation take place since the financial crisis in 2008. As such, the mergers and divestures have led to consolidation and extraction of technology infrastructure associated with the various business units. This paired with organic growth driven by operational activities has led to a massive expanse of data and, in turn, the amount of storage that is required to manage it.

Opportunity:

A financial institution with over 250,000 employees spread across 80 countries was looking at transforming their NAS infrastructure to a new platform and drive consistency across their global footprint. Their legacy hardware with petabytes of data needed to be migrated to the NetApp Data ONTAP storage platform.

The transition from legacy storage to a new platform is fraught with risks and the customer wanted to ensure minimal impact to users while establishing standards and driving consistency across their global footprint. For prior migrations they utilized host-based tools managed by a large team in 4 continents to copy CIFS or NFS platform storage.

In addition, the customer had Microsoft DFS (Distributed File System) sporadically deployed in their environment and wanted to ensure that in those spots where it did exist, all DFS links would be updated to reflect the new target storage.

Solution:

The customer opted for StorageX Migration and StorageX DFS Management as their software of choice because it provided the required API integration with NetApp Data ONTAP, had the ability

Industry:

Financial & Banking Services

Key Challenges:

- Transform NAS infrastructure to a new platform
- Migrate over a petabyte of unstructured data onto NetApp Data ONTAP storage platform
- Mitigate risk and ensure minimal disruption to users
- Microsoft DFS was sporadically deployed across the data environment

Solution:

The Financial Services company deployed StorageX Migration and StorageX DFS Management because it provided the following solution:

- API integration with NetApp Data ONTAP
- Ability to copy security and permissions
- Automatically update the DFS Namespace links

StorageX delivered:

- Single Pane View
- Global Standardization
- DFS Link Retargeting

to copy security and permissions, could automatically update the DFS namespace links and provided end to end project operational control, reporting and simplified cutovers.

The StorageX Migration was deployed worldwide to drive consistency within the global footprint. StorageX ensured that DFS Management would remain constant in places where there was a need to create automated failover for disaster recovery purposes.

StorageX Benefits:

Single Pane View

Versus the massive time, talent and resource investment required with host-based copy tools and an arsenal of scripts, StorageX provided a universal migration platform to drive the discovery, planning, and migration of both CIFS and NFS based storage. Utilizing a user friendly and intuitive UI, StorageX gave a single storage architect an easy means of discovering changes in the infrastructure, accommodating for them through the console, and driving policy-based migrations that were repeatable and reduced risk in the process. Manually created scripts that only the scripter understood were eliminated. Once policies were created in StorageX, the administrator could create other users within StorageX to utilize the software with limited-to-no knowledge transfer required.

Global Standardization

Like most enterprise organizations, the customer had developed storage vendor 'islands' over the years. There was no global consistency for their storage infrastructure nor a universal unstructured data management platform to manage the heterogeneous vendor 'islands'. This multi-petabyte migration provided the justification to drive vendor standards and operational efficiencies across their global footprint with StorageX. The customer deployed a single instance of StorageX in each major geographical location. Policies were created in the StorageX server and were distributed to drive the data movement based on the policy settings. This automated the process and ensured that the infrastructure deployed was consistent across over a dozen data centers globally.

DFS Link Retargeting

The customer utilized StorageX to retarget DFS links to reflect the new storage and subsequently manage the DFS namespace, providing ongoing automated failover from primary storage to secondary utilizing NetApp SnapMirror for replication.

Download StorageX Price Sheet [Here](#)

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Find answers to your questions by contacting Sales@datdyn.com

Learn More at datadynamics.com/storagex

About Data Dynamics

[Data Dynamics](#) is a leader in intelligent file management solutions that empower enterprises to seamlessly analyze, move, manage and modernize critical data across hybrid, cloud and object-based storage infrastructures for true business transformation.

Its award-winning StorageX platform eliminates vendor lock-in and provides a policy-based, storage management platform to provide the insight, agility, and operational efficiency to transform your data assets into competitive advantage. Used today by 26 of the top Fortune 100 companies, StorageX has optimized more than 350 PB of storage, saving more than 170 years in project time and \$250 million in total storage costs.

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