

37.5M directories migrated in 48 Hours using StorageX

for a Fortune 10 US-based Technology Company



Business Need

- Move billions of files from **NetApp's Infinite Volume to a Flex Group** on the same cluster
- Moving millions of directories with millions of files within an allotted time.
- **Sync incremental updates** in the files
- Achieving **optimal throughput** while migrating files



Challenges Faced

- During the file movement process, the file system was constantly being updated causing additional efforts in comparison and update.
- Allotted cutover window of 48 hours only
- The previous tool was unable to sync the incremental copies of the baseline copies **delaying the process and adding glitches**
- **Achieving optimal throughput** while migrating the files with **accuracy**



Solution Offered

StorageX was selected to perform the migration of the process:

- **Single pane view** across migration process
- The **policy-based approach** maximized the data access, minimized cutover windows, user downtime, and other disruptions related to file storage rebalancing, migrations, and tech refreshes
- **Minimal disruption** to business for cutover meeting the estimated target of 48 hours
- **Sync up of incremental copies** of the baseline copies
- Ability to set **QoS during replication** to minimize client impact



Business Impact

37.5 million directories with 977 million files migrated with the last sync in 48 Hours.

1.



Greater efficiency with incremental migration

- Enabled automated data replication policies facilitating the replication of source files to destination location. The policy ran while migrating the baseline and incremental copies.

2.



Reduced Outage - Accelerated the migration process within the cluster with minimal disruption