

StorageX 8.4 Object to Object Replication

Manage your Data on the Multi-cloud

Business Challenge

Businesses are determined to drive transformation by launching new digital customer initiatives, leveraging analytics to enhance business operations, capitalizing on the internet of things (IOT) technologies, and more. With the emergence of cloud-based solutions, organizations are adopting multiple cloud services from different vendors.

As unstructured data continues to increase in volume and complexity, enterprises need to scale their production storage systems with an affordable design. Today, the cost reduction and data protection improvements native to object storage make it a critical part of all large unstructured storage systems designs. With workloads ranging in the petabyte scale, they need a reliable and proven solution that offers scalable throughput and can be deployed quickly across multiple cloud platforms.

Accelerate Multi-cloud Adoption for your Organization with StorageX Object to Object Replication

- Understand the business services, assets, applications, relationships, and dependencies involved in your object to object data replication
- Plan the movement of workloads to the cloud based on simulations and recommendations for capacity rightsizing
- Model cloud costs for planning, building the business case, and choosing the cloud provider
- Schedule resources needed by the services being migrated and optimize resource usage to prevent budget overruns post-replication
- Monitor your hybrid infrastructure from end to end using file metadata analytics
- Leverage API integrations for reporting and project management

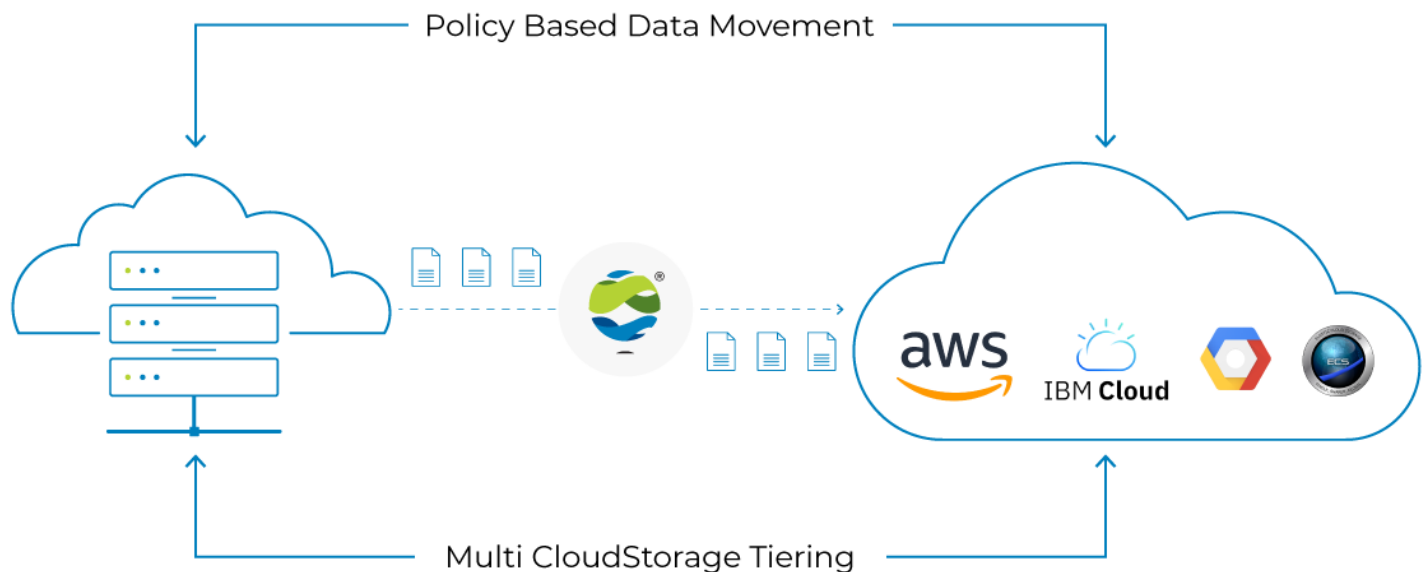
StorageX Object to Object Replication is Cloud Agnostic

StorageX Object to Object Replication supports a wide range of cloud and object storage platforms such as Amazon Web Services, Microsoft Azure, Google Cloud, NetApp Cloud Volumes, as well as any other S3 compatible cloud architecture. Use a scalable, secure, and automated solution to move your data between multiple object storage platforms.



Seamlessly Move Data to and From the Cloud

Use StorageX Object to Object Replication to flexibly provision cloud storage platforms as a low-cost storage tier. Meet your performance requirements for unstructured data workloads and optimize policy driven data movement to accelerate the adoption of AWS, Azure, Google Cloud, or NetApp.



Because object storage can vary in capability and features, it's recommended to understand certain parameters when planning an object to object (O2O) replication.

- How much total data is to be migrated? (GB/TB/PB and # of Objects)
- How many buckets are to be migrated?
- How many objects are in each bucket to be migrated?
- What is the object platform and operating system version for the source and destination?
- What is the network bandwidth and network latency between the source and destination?
- What is the expected performance for the duration of the data movement?
- What is the current workload being serviced by the existing source object storage?
- Is the destination storage "net new" or is it servicing an existing workload?
- What is the application and version of software that wrote the objects to the Object Store?

StorageX Object to Object Replication Use Cases



Multi-cloud File Management: Quick data movement enables data agility from on premise to the cloud. The ability to have your data at the right time, place, and format gives you the necessary competitive advantage to make successful business decisions. StorageX Transform and Sync supports all cloud native object storage as well as leading solutions from NetApp, Dell EMC, Cloudian, and other S3 compatible platforms.



Secure and Compliant Data Movement: Automated data movement ensures a safety and risk mitigation. Replication validation summary is provided at the end. When integrated with StorageX Metadata Analytics, clients use analytics to drive business, technology, and cost benefits.



Competitively Priced: Pricing is based on a terabyte consumption module. Only pay for what you need.



Scalable & Automated Policy Driven: Automate complex data movement with policies and scale your project by adding additional Universal Data Engines. Monitor Progress and schedule cutovers for seamless transformation to the object storage.

Data Dynamics is the pioneer of unified unstructured data management platform. With 26 of the Fortune 100 global customers worldwide, Data Dynamics enables organizations to analyze, move, manage, and modernize their data anywhere. Data Dynamics accelerates the adoption of hybrid, public and multi-cloud strategies, builds higher quality SLAs, and improves business process modernizations. For more information, visit www.datadynamicsinc.com.



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