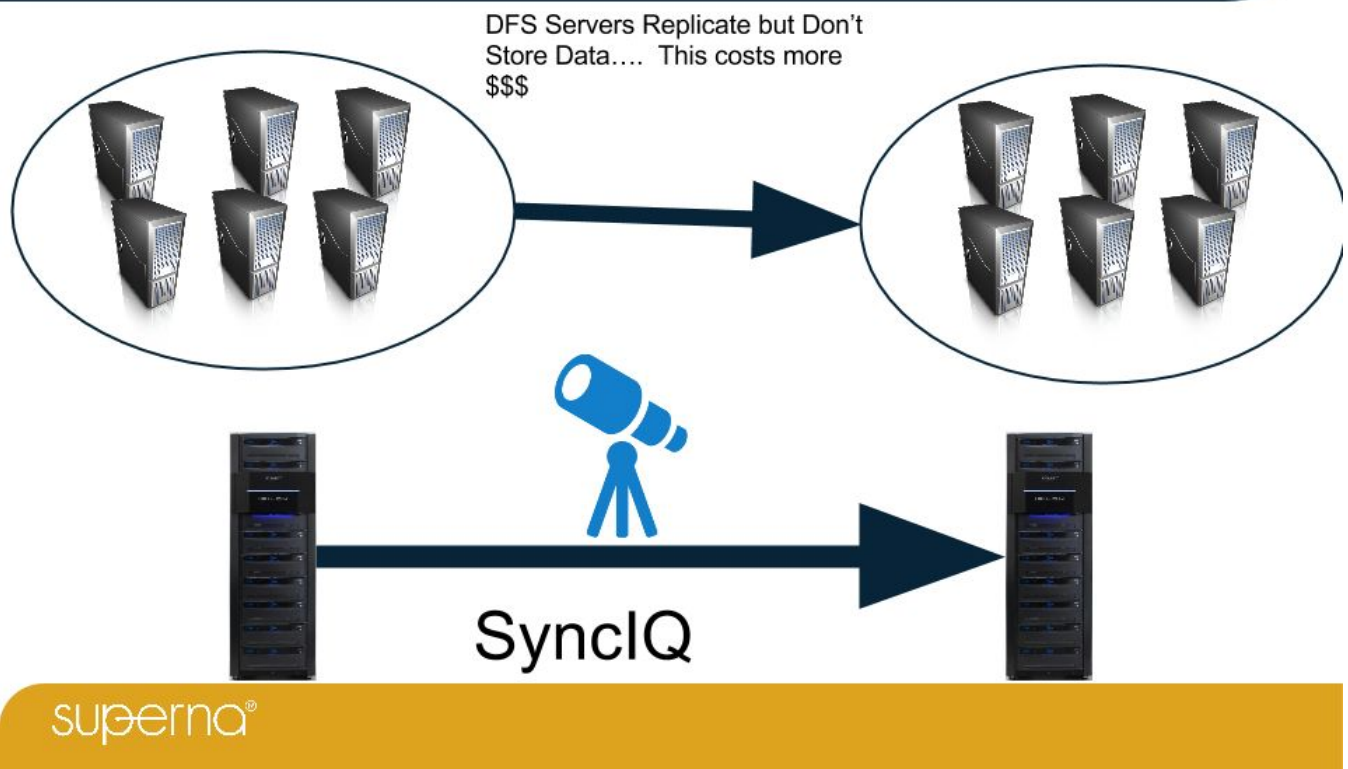


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For any customers that would look at Microsoft DFS-R versus SyncIQ and Eyeglass solution. The following is a comparison and response on why DFS-R is not a comparable solution

Do more with Less....













1. What is Microsoft DFS (distributed file system)?
 - a. It's a name space that allows Active Directory Domains to host a virtual file system of folder only with points or referrals to SMB shares on servers where the data resides.
 - b. It allows several referrals to provide for HA of data supported by the DFS name space
 - c. **Issue #1** - DFS requires replication to provide HA of the share folder data
 - d. **Issue #2** - It only supports SMB no NFS support
2. What is Microsoft DFS-R?
 - a. DFS-R is separate from DFS and the R is for replication feature of DFS. Replication uses windows servers to read data data from servers and replicate between DFS targets setup in the DFS name space.
 - b. **Statement #1:** Copying data from one location to another requires a CPU process to read and copy data to protect it. This can be done with Windows Servers for SMB data only with DFS-R but requires multiple DFS-R servers to replicate data to scale.
 - c. **Issue #1:** DFSR servers are separate from DFS namespace servers that are typically Domain controllers. This adds cost and servers to scale replication.
 - d. **Issue #2:** DFS-R servers don't store data!!!! you still need to provide storage for DFS-R servers to store replicated data? This storage can be Isilon.
 - e. **Statement #2:** Isilon has CPU capacity to **BOTH Store data AND replicate the Data (SyncIQ), with Eyeglass DFS mode seamless replicated HA DFS data is protected without costly DFSR servers needed. Centralized data replication with Isilon, multiple policy control, schedules, block level replication, higher throughput, controlled site to site network with Smartconnect multi-node replication between clusters.**

Function Required	Microsoft DFS-R	DFS + Eyeglass + Isilon SyncIQ	
Single Button Failover			

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Multi Protocol			
Integrated file system snapshot capabilities			
Historical Performance reports and Analysis reporting			
Corporate wide single dashboard on DR Readiness and alerting			
Manage Failover at the share level			
Integrates with Active Directory Sites and subnets and DFS			
Provides Data storage and replicates for DR with a single solution			
Centralized control for all data across one or more clusters with Eyeglass			
Recovery Point Objective Reporting and Monitoring			

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Quota Support on Failover			
Dedicated DR interfaces for replication between data centers			
Supports Kerberos Authentication and SMB 2 and 3	