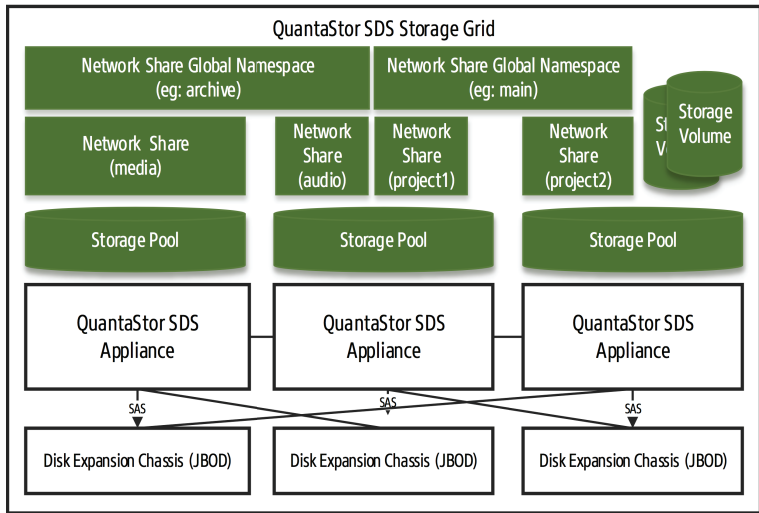


# QuantaStor SDS Global Namespaces

Global Namespaces for QuantaStor SDS simplify NAS storage management and increase end user productivity by combining shares into easy-to-access groups that are accessible across a storage grid of appliances.

With Global Namespaces for QuantaStor SDS, storage end users get the performance benefits, high-availability, and ease of use that comes with scale-out NAS solutions, without latency or high network costs. With grid scalability of 64 appliances, QuantaStor storage grids can also combine any number of network shares into any number of unique Global Namespaces.

QuantaStor implements Global Namespaces using Microsoft DFS and NFSv4 referral technologies to redirect SMB and NFS clients to network shares on specific appliances. Combining QuantaStor grid technology and high-availability (HA) technologies together, storage grids can deliver consistent performance, accessibility, and reliability as an environment scales out to billions of files. This technique eliminates the performance impacts of spindle contention and multiple network hops that scale-out NAS appliances suffer from.



## QuantaStor SDS Global Namespace Highlights

**Ideal for Multiple Workflows including Biosciences, Media Post-Production, and Energy Research** – Global Namespaces allow IT managers to distribute files in a way that achieves the best performance and capacity utilization per system.

**Available Across Geographies** – Researchers, filmmakers, artists, editors, and producers are able to access their digital assets via a single, logical namespace, across geographically dispersed storage appliances.

**Increased Efficiency** – Global Namespaces reduce human error, improve productivity, and streamline workflows by making it easier for users to find, share, and distribute their digital content.

**Grid Technology** – QuantaStor grid technology enables global namespaces to span global data centers and allow hyperscale NAS to over 64 PB per storage grid.

