

EMC Global Namespace Solution Using Rainfinity GNA and Celerra

Virtualization for Celerra IP Storage environments

The Big Picture

- Delivers a robust, scalable, unified storage environment with high availability and excellent performance
- Presents a global view of network file shares across Celerra systems
- Enables storage administrators to reconfigure and expand NAS environment without impacting end-user access
- Easily grows with an organization's dynamic environment
- Leverages the Celerra Multi-Path File System (MPFS) architecture to provide a scalable NFS global namespace for Linux clients

Organizations deploy IP storage because it's easy and economical. It plugs into your existing network, it supports existing clients, it's compatible with existing applications, and it leverages your IT staff's existing skills. Fundamentally, it enables simple and efficient file sharing.

Organizations choose EMC's industry-leading IP storage platform because it delivers best-in-class availability, advanced functionality, and scalable performance. Unlike general-purpose servers, the Celerra platform is a unified storage system that gives organizations the flexibility to create a scalable, highly available infrastructure. The integrated offering allows you to deploy a platform with dedicated storage, while the gateway offering leverages existing storage in your fibre channel SAN. With built-in clustering capabilities, several Celerra systems can be consolidated and managed as one. Celerra's sophisticated software delivers advanced features such as snapshots, volume management, virtual provisioning, and file-level retention.

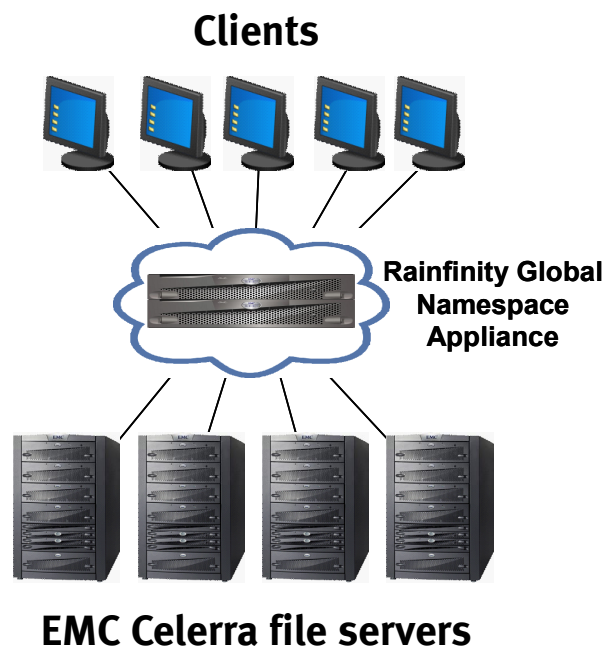
Dynamic organizations with rapid data growth find it easy to accommodate their need for additional storage by adding Celerra file servers. As the environment expands, storage administrators look for additional ways to maximize utilization, simplify management, and respond quickly to business needs.



NAS environment without a global namespace

Easier NAS administration

The EMC Global Namespace Solution Using Rainfinity GNA and Celerra further simplifies your file server environment by providing a single mount point for shares and exports and removing the dependency on physical storage locations. Rainfinity Global Namespace Appliance makes it easier to consolidate, replace, and deploy Celerra file servers without disrupting client access. Storage administrators can manage an enterprise-wide environment of IP storage from a central, single point, eliminating the need to spend their valuable time rolling out client updates when mapping for shared storage changes. They can simply update the global namespace and clients will reflect the changes.



NAS environment with Rainfinity Global Namespace Appliance

Rainfinity Global Namespace Appliance

Rainfinity Global Namespace Appliance simplifies NAS and file server infrastructure management by providing a single mount point. Clients no longer depend on physical storage locations and are insulated from changes. They mount once and are presented with a virtual tree of folders that may reside on a single NAS device or multiple NAS devices or file servers. The Rainfinity Global Namespace Appliance makes it easier to consolidate, replace, and deploy NAS devices and file servers without disrupting client access.

EMC Celerra NS series

The EMC Celerra NS series delivers best-in-class availability, advanced functionality, and scalable performance. Easy to deploy and simple to manage, this IP storage platform provides multi-protocol storage for customers looking for enterprise-class capabilities. The EMC Celerra NS series helps organizations improve utilization, centralize backups, and lower their total cost of ownership.

The EMC Celerra Multi-Path File System (MPFS) can enhance NAS file-sharing capabilities by delivering accelerated performance, increased scalability, and lowering overall infrastructure costs.

Is a global namespace right for you?

Your organization may be ready to implement a global namespace if any of the following conditions apply:

- You are managing multiple Celerra file servers.
- You would like to create a single mount that spans physical X-Blades.
- You are finding login scripts and automount difficult to manage.
- You have a growing number of file systems spread across multiple storage platforms and data centers.
- You frequently need to relocate file systems because of capacity shortages or technology refreshes.



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Take the next step

To learn more about implementing the EMC Global Namespace Solution Using Rainfinity GNA and Celerra, visit www.EMC.com/rainfinity or call 800.607.9546 (outside the U.S.: +1.925.600.5802).