



“The integration of F5 ARX and Data Domain storage means users can automate and reduce the costs and complexities of their tiered storage deployments. This partnership demonstrates the use of Data Domain systems to provide unified, deduplicated, and self-protecting storage for the broad spectrum of nearline applications, which is data that is rarely changed.”

Shane Jackson
Director of Product and Channel Marketing
Data Domain

Data Domain and F5 Networks

As the global leader in Application Delivery Networking, F5 Networks® brings proven experience in file virtualization and applies this focus to Data Domain deduplication storage systems. The joint solution has been tested and validated for interoperability with the Data Domain storage solutions. F5® is a Data Domain Nearline Storage Partner and the parties have also entered into a cooperative support agreement, ensuring customers receive maximum support for the joint solution.

Overview of the Solution

The storage environment can be a challenge for many customers, especially if the solution is inefficient or storage costs are high.

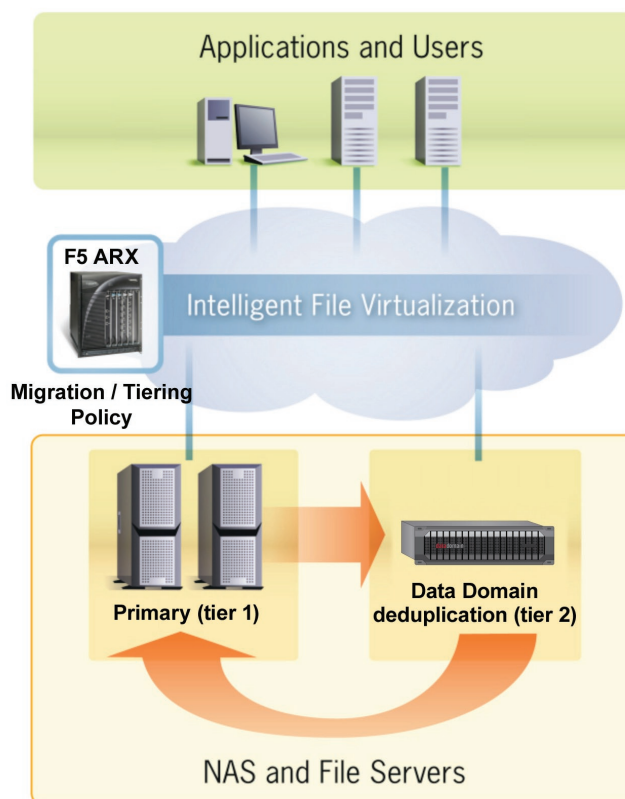
Data Domain helps customers reduce or eliminate the use of tape infrastructures with their deduplication storage tier DDX appliance. When used in combination with F5 ARX® dynamic tiering policies, the DDX appliance moves appropriate files to Data Domain without incurring downtime or affecting access. In essence, the files are automatically moved transparently between tiers to the user and/or the application based on flexible criteria such as age, type, size, and more.

Challenges:

- Storage costs and efficiency
- Backup windows and costs

Solutions:

- Data Domain de-dup storage tier
- F5 ARX dynamic tiering policies move appropriate files to Data Domain without incurring downtime or impacting access
- Files are automatically moved between tiers based on flexible criteria such as age, type, size, and so on.



Benefits to Data Domain Customers

- Lower storage cost
 - Reduces storage costs by seamlessly placing appropriate data on a deduplicated, compression storage tier.
 - Enables users to reclaim expensive Tier 1 NAS capacity.
 - Eliminates redundant data, making more efficient use of your storage space.
- Reduces backup windows
 - Decreases backup windows and costs by eliminating the amount of data that is required to be backed up both on the primary storage tier (ARX eliminates redundant backups), as well as the nearline storage tier (DDX eliminates redundant data).
- Simplified administration
 - Makes management easier; the placement of data on the deduplicated storage tier is automatic (administrators do not have to manually move the data) and the virtualization masks these changes from users and application (for example, they observe no difference after the solution is in place).

Additional Resources

F5 Partner website

www.f5.com/datadomain

Solution Note

F5 Intelligent File Virtualization and Data Domain Deduplication Storage
www.f5.com/pdf/solution-center/data-domain-deduplication-storage.pdf

Deployment Guide

Deploying the F5 ARX with Data Domain Storage Systems
<http://www.f5.com/pdf/deployment-guides/arx-data-domain-dg.pdf>



F5 Networks, Inc. Corporate Headquarters

401 Elliott Avenue West
Seattle, WA 98119
(206) 272-5555 v
(888) 88BIGIP Toll-free
(206) 272-5556 Fax
www.f5.com
info@f5.com

F5 Networks Asia-Pacific

+65-6533-6103 Phone
+65-6533-6106 Fax
info.asia@f5.com

F5 Networks Ltd. Europe/Middle-East/Africa

+44 (0) 1932 582 000 Phone
+44 (0) 1932 582 001 Fax
emeainfo@f5.com

F5 Networks Japan K.K.

+81-3-5447-3350 Phone
+81-3-5447-3351 Fax
info@f5networks.co.jp