LEGATO® DiskXtender UNIX/Linux

LEGATOsolutions
access availability protection

LEGATO DiskXtender UNIX/Linux (DXUL) is a powerful, highly scalable solution within the Intelligent Data Management (IDM) product family that delivers policy-based, filesystem centric data management for terabyte to petabyte-size UNIX and Linux environments. DXUL maps the value of information to the most cost-effective storage resource to achieve data retention and compliance needs concurrent with service level requirements. As a result, organizations gain immediate ROI driven by savings on storage acquisition costs, less complexity and management overhead, and faster back up and recovery performance.

IDM for Information Lifecycle Management

The explosive growth of storage consumption coupled with government and industry compliance regulations are demanding better solutions for data management. Data must not only be managed more efficiently to achieve overall lower cost of ownership, but to ensure that service levels are met. By seamlessly matching tiers of storage with file usage requirements, customers can achieve non-disruptive data movement and transparent access over the information lifetime.

Unlimited Scalability and Access

DiskXtender UNIX/Linux (DXUL) delivers virtually unlimited storage capacity from terabytes to petabytes by automatically moving infrequently accessed or fixed content data to secondary storage devices, based on management policies aligned with your business needs. Files are migrated at the file system level while keeping the user view of the data unchanged. Access remains transparent as DXUL returns files with no disruption to the user's application regardless of media, device or location. DXUL supports a wide range of file systems across open systems UNIX and Linux platforms.

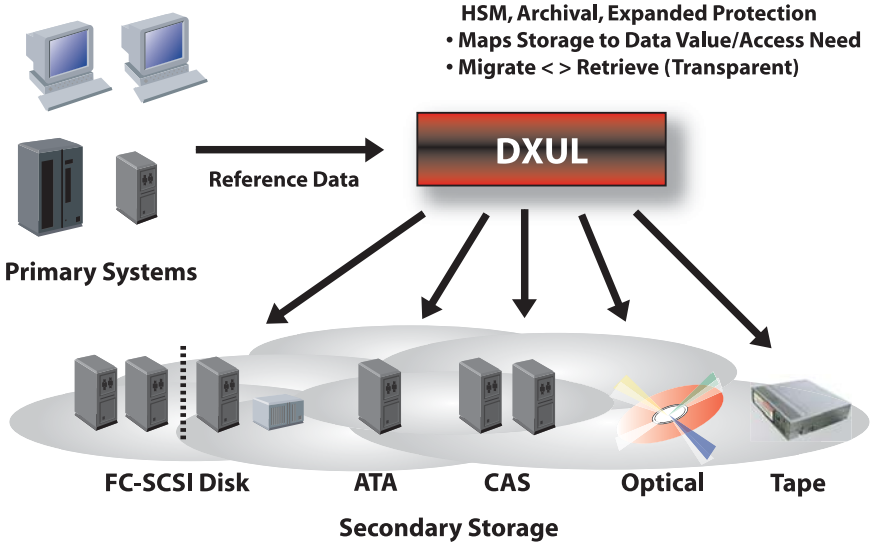
Flexible Policy Engine

Through the DXUL policy engine administrators can establish criteria to identify files that are eligible for migration to secondary storage. These policies can be defined based on a variety of file attributes such as size and last access age. Administrators can also set high and low watermark levels for purging data from primary storage based upon a percentage of disk space in use. DXUL improves business efficiencies by managing information based upon its value and usage characteristics, putting the right information on the right storage at the right time.

Optimum Performance

DXUL provides network clients with a central repository for storing data that utilizes a unified name space and delivers shared file access via NFS or FTP. Data is then automatically migrated to lower cost backend storage based upon policy parameters, with all file attribute and media information stored in a replicated database. To further optimize data access, DXUL can continuously monitor native client file systems across a distributed environment. Active data is kept on host systems while inactive or compliance data is automatically moved to disk, tape,

- **File System Centric Data Migration, HSM, Archival, Expanded Protection**
- **Maps Storage to Data Value/Access Need**
- **Migrate < > Retrieve (Transparent)**



optical or EMC Centera Content Addressable Storage (CAS). DXUL places truncated stub files to point to migrated data, enabling seamless file access regardless of location of the data while reducing primary storage used by inactive data.

Valuable Addition to Data Protection Strategy

DXUL is fully integrated with LEGATO NetWorker and will not recall migrated and purged files during data protection operations. Unnecessary, repeated backups of the same data are therefore eliminated, backups are completed faster, and organizations gain savings in tertiary storage costs – backup tape costs are reduced significantly. Downtime is equally reduced as NetWorker performs file-level, point-in-time recoveries that only bring back the stub files, not all of the migrated data. DXUL can also automatically store up to 15 files copies on nearline and remote storage media to enhance protection from disaster.

Measurable, Immediate Return On Investment (ROI)

Find out why LEGATO is #1 in Open Systems IDM. Take advantage of our ROI calculator at www.LEGATO.com/storage/idm and quickly estimate how much time and money you can save. You can also download our UNIX/Linux storage analyzer at the above link, a no cost, easy to install tool that quickly determines the percentage of infrequently accessed files in your environment.

Specifications

Software:

- Unix
  - Solaris 2.6, 2.7, 8, 9, HP UX 11.0-11.i, IRIX 6.5.5-19, AIX 4.3.3, HP Tru64 UNIX 4.0D-G, 5.0A, 5.1, 5.1A,
- Linux
  - Red Hat Linux 7.1,7.2, 7.3, (2.4.X kernel) Red Hat Advanced Server 2.1
- File Systems (DXUL Data Manager)
  - Solaris UFS, VxFS3.4, AIX JFS, HP-UX VxFS3.4

For more details, please refer to the LEGATO Software compatibility guide located at www.LEGATO.com/resources/compatability

Hardware:

- UNIX
  - 512MB RAM
  - 10GB Hard Disk
  - 250MB Installation Disk Space
  - 2 or more SCSI or FC Connections
- Linux
  - Pentium 450 MHz Server
  - 512 MB RAM
  - 10 GB Hard Disk
  - 250MB Installation Disk Space
  - 2 or more SCSI or FC Connections

Storage Device Support

DXUL supports a wide variety of storage media and resources including tape, disk, optical, and EMC CAS. For more details, please refer to the LEGATO Hardware compatibility guide located at www.LEGATO.com/resources/compatability

LEGATO®

Tel (650) 210.7000 • (888) 853.4286 | Fax (650) 210.7032 | www.legato.com

LEGATO Software, a division of EMC | 2350 West El Camino Real, Mountain View, CA 94040 USA |