EMC² where information lives

EMC DiskXtender for UNIX/Linux

Automated, policy-based file system archiving

The Big Picture

- Provides policy-based, file system–centric, file archiving, and protection in large UNIX and Linux environments
- Supports a wide range of storage devices including direct attached, SAN, NAS, CAS, tape, and optical
- Speeds data backup and recovery, lowers costs, simplifies data retention, and safeguards user productivity by automatically and transparently moving data to the most appropriate storage tier
- Aligns storage workflow with business needs

Intelligent data movement

EMC DiskXtender® for UNIX/Linux is a powerful, highly scalable, policy-based, file-level data management solution for terabyte- to petabyte-size UNIX and Linux environments. DiskXtender for UNIX/Linux meets your organization's data retention, compliance, and service-level requirements by mapping information to the storage resource appropriate for its value. Implement this solution to reduce storage acquisition and overhead costs, simplify data management, and more quickly back up and recover data.

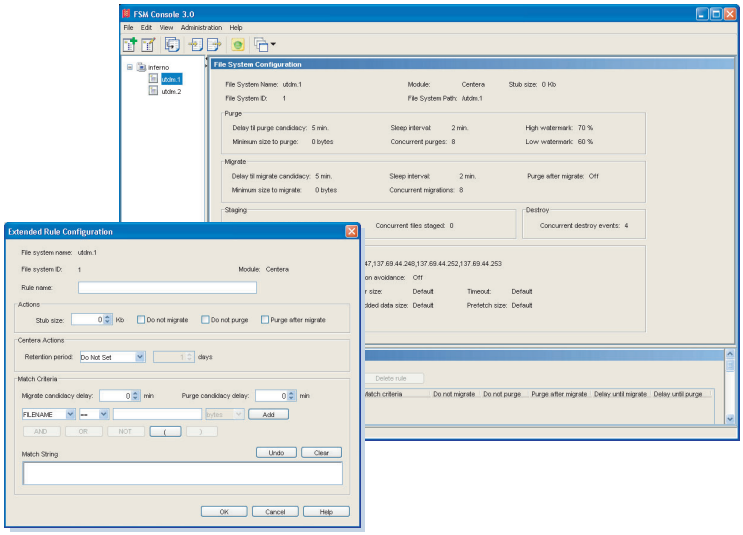
DiskXtender for UNIX/Linux automatically moves data between primary and secondary or tertiary storage sources based on customer-defined management policies, such as those addressing inactive or infrequently accessed data. Files are migrated transparently, without disturbing your data view or access, regardless of the application, media, storage device, or data location. DiskXtender for UNIX/Linux supports a wide range of UNIX and Linux file systems and storage platforms.

DiskXtender for UNIX/Linux File System Manager

DiskXtender for UNIX/Linux File System Manager is a component of DiskXtender that can be used stand-alone or in conjunction with the DiskXtender Storage Manager. File System Manager migrates and purges files from file systems. You can configure its powerful policy engine to identify circumstances and specify actions for selected files to match service-level and retention requirements. These policies can identify candidate files based on criteria such as name, size, user ID, group ID, and date of last access. They also determine if and when files will be migrated to other storage targets or purged. Your view of the data remains transparent; accessed files are retrieved automatically.

An easy-to-use graphical interface enables organizations to manage heterogeneous UNIX/Linux environments from a single view. File System Manager supports a wide range of native UNIX and Linux file systems. It can migrate files directly to the EMC Centera™ content addressed storage (CAS) solution.

File System Manager functions as a stand-alone component or can be used with DiskXtender for UNIX/Linux Storage Manager (see below) to migrate files to tape and optical devices.



With its powerful policy engine and easy-to-use graphical interface, DiskXtender for UNIX/Linux File System Manager meets data-storage service-level and retention requirements while simplifying administration and monitoring.

DiskXtender for UNIX/Linux Storage Manager

EMC DiskXtender for UNIX/Linux Storage Manager is a component of DiskXtender, providing a central data-storage repository that utilizes a unified name space and delivers shared file access via NFS or FTP. It automatically migrates data to lower-cost storage based on preestablished policies, while file attribute and media information is stored in a replicated database.

Use Storage Manager to create multiple copies of files, group files by family, dynamically migrate files to different storage devices, cache a group of files when one file is accessed, and much more.

Storage Manager can be used with File System Manager or as a stand-alone component. When used with File System Manager, it will accommodate files migrated from heterogeneous UNIX/Linux environments. Consequently, Storage Manager can serve as back-end storage for managing a wide range of disk subsystems, tape libraries, and optical jukeboxes.

Valuable data protection

DiskXtender for UNIX/Linux fully integrates with EMC Legato® NetWorker software and will not recall migrated and purged files during data protection operations, thus speeding the back-up process and eliminating unnecessary backups of the same data. Secondary and tertiary storage and backup tape costs are significantly reduced. Recovery times are improved as NetWorker performs file-level, point-in-time recoveries that bring back only the stub files, not all the migrated data. To protect data from disaster, DiskXtender for UNIX/Linux can automatically store up to 15 file copies on nearline and remote storage media.

Take the next step

To learn more about the EMC DiskXtender for UNIX/Linux family of products, visit us online at www.EMC.com/legato or call **1.888.853.4286** (outside the U.S.: +1.650.210.7000).

EMC² where information lives®

EMC Corporation
176 South Street
Hopkinton, MA 01748
1-508-435-1000
In North America 1-866-464-7381

Data Sheet
27160705V2