File Dynamics

Automate network file system management tasks while protecting your organization's most important files from corruption from ransomware attacks using the power of policy-enacted data management. Identity-driven policies in Micro Focus® File Dynamics provision user and group storage, perform day-to-day management tasks, and clean up and dispose of storage content. Target-driven policies move files, clean up storage, and provide data protection through secure nearline backup of your most important files.

Product Overview

File Dynamics provides extensive services to address the expanding requirements of network data management. Identity-driven policies automate tasks that are traditionally done manually, resulting in cost savings and assurance that tasks are being performed properly. Target-driven policies offer data migration and relocation, cleanup, and protection from data corruption and downtime through nearline storage backup of high-value targets, enabling quick recovery of files and their associated permissions.

Key Benefits

File Dynamics is engineered to alleviate the network file system management workload of administrators while helping them reach their regulatory compliance objectives. In so doing, File Dynamics offers the following benefits:

- **Lowers network data management costs.** File Dynamics lowers costs in a variety of ways:
  - First, it automates storage management tasks that are typically done manually. These include provisioning user and collaborative storage, setting rights, setting quota limits, migrating storage, redistributing storage, archiving storage, and cleaning up storage.
  - Second, through its ability to regularly clean up, archive and delete storage content, File Dynamics can lessen the need for deploying additional primary storage resources.
  - Third, by reducing the need for more storage resources, File Dynamics can provide resulting savings in power and cooling costs.
- **Addresses security compliance requirements.** Identity-driven policies enable you to establish role-specific access permissions so that only authorized users have access to certain files. In a security audit, for example, you can demonstrate that only members of the Human Resources department have access to confidential employee files.
- **Protects data in high value targets.** Epoch Data Protection policies in File Dynamics allow you to maintain nearline archives of critical files located in high-value targets on your network. If files on the network were to become corrupted or encrypted through a ransomware attack, designated data owners could quickly and easily recover protected, non-corrupted versions of the files from the last saved "Epoch" and replace the corrupted files.
- **Relocates data.** Workload policies provide the ability to import externally-generated files, such as security reports from Micro Focus File Reporter, and then rectify the

Quick View

Engine Host
- Windows Server 2016
- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2

Event Monitor Host
- Windows Server 2016
- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2

Agent Host
- Windows Server 2016
- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2

Administrative Workstation Host
- Windows 10
- Windows 8
- Windows 7
- Windows Server 2016
- Windows Server 2012
- Windows Server 2008
- Windows Server 2003

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location of these files for optimization and regulatory compliance.

Key Features

- **User and collaborative storage management.** File Dynamics manages both user and collaborative storage. User storage includes a user home folder and any number of auxiliary storage folders. Collaborative storage can be a container or group storage folder where all members have access to the single folder, or a more organized folder where each user in the group is granted a personal folder within the container or group folder.
- **Policy-dictated actions.** Policies specify the data management actions to take as a result of an Active Directory event, selecting a Management Action option from the administrative interface, or a scheduled event. For example, a home folder policy applied to a particular organizational unit in Active Directory specifies how each user home folder is to be provisioned, including the folder's size, location, rights, attributes, unallowable file types, redistribution paths, vaulting paths, disposal procedures, and more.
- **Data protection.** Epoch Data Protection policies are target-driven policies in File Dynamics that allow you to maintain nearline restricted access archives of high-value target folders stored in the network file system. Exclusive access permissions are limited to administrators known as data owners who can view and access the archive of the high-value target as it existed at a selected point in the past. In essence, it is a "time machine" for the data and associated permissions in the high-value targets. When necessary, data owners can quickly recover files that have become corrupted, such as through a ransomware attack.
- **Data migration and relocation.** There are many ways that File Dynamics migrates and relocates data:
  - First, a user moved from one container to another in Active Directory triggers within File Dynamics a migration of the user home folder from the server specified in the first container's policy to the server specified in the second.
  - Second, storage can be migrated through a distribution setting within the policy so that user storage is more evenly distributed between shares.
  - Third, by changing the target paths within the policy, you can migrate all of the user home folders in that policy.
  - Fourth, through the Cross-Empire Data Migration subsystem add-ons, you can migrates files, rights, and other metadata from an eDirectory™ to Active Directory environment, or from one Active Directory forest to another.
  - Fifth, through Workload policies, File Dynamics can relocate sensitive files from a potentially less secure, to a more secure location.