

Content File Server™

Access Object Storage from any Application or Device



Standard File System Protocol Transfer to Caringo® CAStor®

Content File Server (CFS) provides a standard file system interface to the massively scalable Caringo object storage platform powered by CAStor. CFS installs on a Red Hat Enterprise Linux 6.01 or 6.1 server turning it into an appliance that serves as a mount point to CAStor for any application or device utilizing standard file system protocols for content transfer – CIFS, NFS, FTP, and WebDAV.

Highly Scalable for Large Datasets

CFS is the only file system in the world where performance does not degrade with file count. In addition CAStor automatically handles system optimization so your old data will never get in the way of the new.

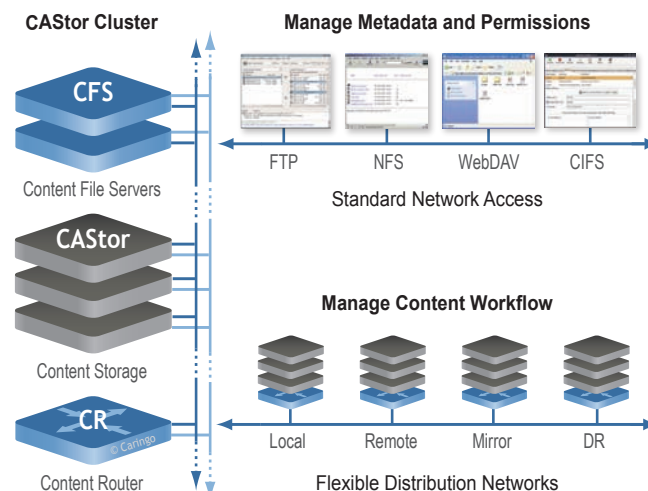
Access to Any Version of a File with Continuous Data Protection

CFS includes integrated continuous data protection and point in time recovery functionality called Timescapes. Timescapes go beyond basic snapshot functionality and capture every transaction written to the mount point. That means you can roll back to any point in time to recover folders or even a specific file. You can specify how long in time you would like to keep your files and directory structure based on your business and operational requirements.

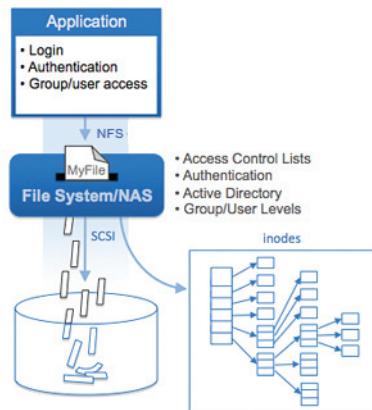
Automated Data Life Cycle Management via Customizable Metadata and CAStor

Metadata attributes can be set to specify the lifecycle of files, replication counts and retention policies per each mounted volume.

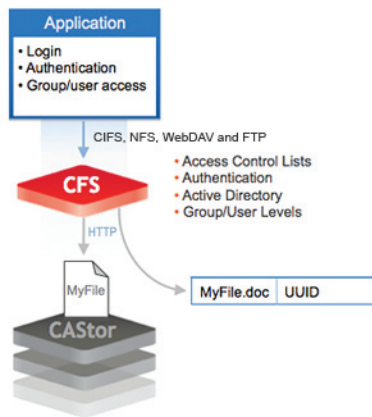
Efficiency and Security



Traditional File Systems and NAS



Caringo's Content File Server



Recommended Hardware

CPU: 64-bit, Intel Xeon, AMD Athlon64, or equivalent

Disk: Independent installation and cache disks; standard SATA, SAS, or SCSI

RAM: 8GB

Network: Dual Gigabit Ethernet

About Caringo

To learn more about Caringo and our products visit our website or e-mail info@caringo.com.

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Minimal impact to current operations

CAStor CFS adds the flexibility of a wide range of industry standard file access methods for minimal impact to your current operations. Windows, Linux and Mac users can all use CIFS, NFS, WebDAV and FTP to get direct access to a CAStor cluster.

Enables compliance for archive retention

CFS supports write once read many (WORM) data protection capabilities by enforcing a simple metadata policy at the mount point level. The CFS metadata policies work seamlessly in concert with Content Router for replication and intelligent distribution for deployment of a DR strategy and enables customers to meet regulatory compliance requirements.

Simple Installation and management

CFS installs with a simple wizard to setup, configure shares and connect to a CAStor cluster. All file system metadata is stored in CAStor and a single namespace is responsible for maintaining and mapping file system metadata.

Enterprise class security

To meet the most demanding security requirements, CFS seamlessly integrates Active Directory (AD) and Access Control Lists (ACLs) providing highly flexible permissions models that facilitate a high level of access control protection. File-level read, write and execute permissions for users and groups are supported.

CFS Features

File System Protocols supported:

- CIFS, NFS, FTP, WebDAV

Client OSs supported:

- Windows, Linux, Unix and MAC file systems

Authorization and Authentication:

- Active Directory (AD) and Access Control List (ACL)

Data protection:

- Continuous Data Protection (CDP) through CFS for continuous snapshots
- WORM policy protection for compliance
- File replication integrated to CAStor
- Continuous Data Availability at all times including during recovery

Setup and Management:

- CFS wizard setup
- CFS metadata stored in CAStor
- Single namespace for file system