

Panzura Data Services™

Monitor, Search and Audit for CloudFS.



Unify Data Management

Get a comprehensive view over data in CloudFS, including file operations, user activity, and the health of supporting infrastructure, reducing complexity and operational overhead.



Search and Recover

Parse hundreds of millions of files in near real-time and filter for granular results. Rapidly restore from snapshots, without altering file data, with a sub-60 second RPO.

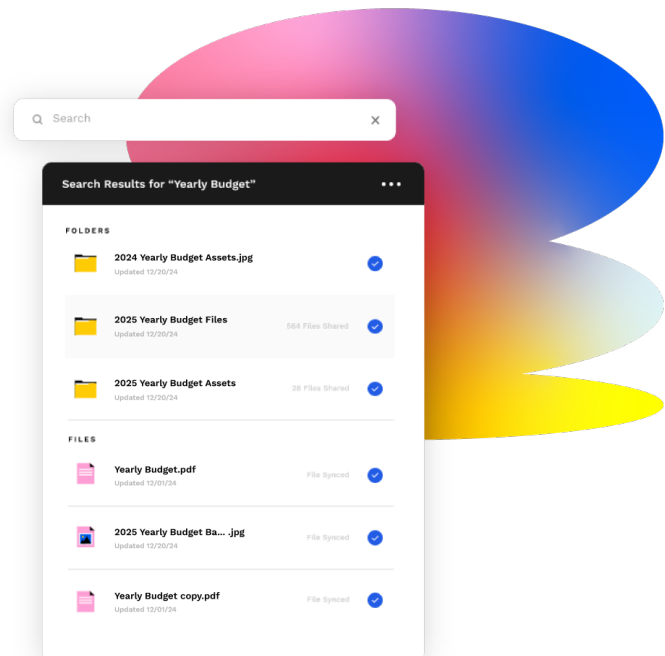


Audit and Report

Easily track file access and operations to prove compliance, investigate file damage or ransomware, and monitor user activity. Manage risk with granular audit alerts and SIEM integration.

One of the greatest challenges in realizing the value of your data assets is that unstructured data is widely distributed across storage silos, locations and applications. This makes even finding files extremely challenging, let alone making them available for analysis and insights.

As data volumes grow and regulatory requirements and cyber threats increase, the need for data management tools to find files, check on file access, recover deleted or damaged files, spot behavioral anomalies, and provide file system observability moves beyond pressing to urgent and imperative.



Panzura Data Services is an extension to the Panzura CloudFS hybrid cloud file services platform, providing a single, unified view and management of unstructured data within CloudFS. Data Services ingests both metadata and audit log data from CloudFS when enabled, to enable visibility and observability over the global file system and related infrastructure, and offer lightning fast file search, audit, alerting, recovery and analysis across files in CloudFS.

The Search Tier: Find and Recover Files

Powerful and burstable search allows any known parameters to be used to rapidly and accurately find files, even if they have been moved or deleted. Several additional filters are available to refine search results by date, file age and size, and to specify whether the target is a file or folder.

Recovery

This function searches both CloudFS files and snapshots to return search results that can be restored to their previous state and location. Recovery offers the same search functionality and filters as the search operation itself but includes one more result – snapshots. Search results include every available snapshot the file has been captured by, enabling rapid point-in-time restoration to either the file’s original storage location, or a new location as specified.

Quotas

Soft user quotas allow administrators to establish quotas for individual users and user groups based on their home directories, as well as set alerts that trigger when configurable thresholds have been exceeded. These can be used to warn administrators and users when storage thresholds are being approached, to allow proactive action to be taken.

Analytics

Analyze and understand what’s consuming space in CloudFS with views showing hot, warm, and cold data stored by age and size, as well as storage distribution by file size and type. Additionally, a running total of data added by day is shown, to allow easy identification of unexpected spikes.

The Audit Tier: Solve Audit and Compliance Challenges

This tier builds upon search to introduce audit capabilities that turn CloudFS syslog events into meaningful, queryable information, providing administrators with a clear and detailed view over file operations and activity.

Audit allows administrators to prove or disprove file access as well as trace file and folder activity by user, file operation, file, folder, and time period. Results can be used to demonstrate regulatory compliance as well as remedial actions taken, where required.

The scope of data-damaging events such as ransomware and mass deletion can be quickly assessed using the audit tier, providing a clear path for restoration of clean data along with information on the responsible user accounts.

Files and directories that are subject to specific regulatory compliance can be proactively monitored, delivering administrator alerts upon actions such as access, permissions changes, or file removal. Alerts can be configured for specific user accounts as well as for all users.

Learn More



Read the Data Services [technical whitepaper](#).



Explore proactive detection with [Detect and Rescue](#).



Talk to our [sales team](#).