



# StorageX 8.4 Metadata Analytics

Optimize your Infrastructure

## Business Challenge

Massive storage growth is more than just a technical challenge – it is a strategic challenge that is impacting your bottom line. Unstructured files that are being poorly managed or lost, become a major compliance and legal risk to the company. The challenge you face is understanding what you have and where it is located. Once you know what you have, you can act per real business needs.

You need powerful file analytics to tell you what you have so you can turn your data from a risk to a strategic asset. A myriad of compliance and infrastructure requirements force IT organizations to constantly struggle with these challenges:

- How can you extract value from file assets if you do not know what you have and where it is?
- If files no longer have value to the company, how do you find them and promptly remove them?
- Is the right data placed in the optimal location? If not, how can I get transparency into my data environment?
- Are unstructured files exposing the company to unnecessary compliance and legal risk?

StorageX Metadata Analytics delivers comprehensive metadata analytics on unstructured data providing actionable insights through a single-pane-of-glass.

With StorageX Metadata Analytics you can execute metadata driven data management by means of:

- Gain visibility into your unstructured data environment to uncover business insights
- Actionable insights for data location optimization
- Optimize Storage Infrastructure and reduce costs
- Run reports on file and security parameters to mitigate risk

## ANALYZE

Enterprises don't know what data they have and where it is



- Single View of Your Data
- Intelligent Views
- Actionable Information
- Access Control Security



StorageX Universal Data Engine

- Unlimited Scale
- File Data Scan Engines



File Servers  
(SMB and NFS)



Network Attached  
Storage



Software  
Defined Storage



Converged  
Hyper-converged



Cloud

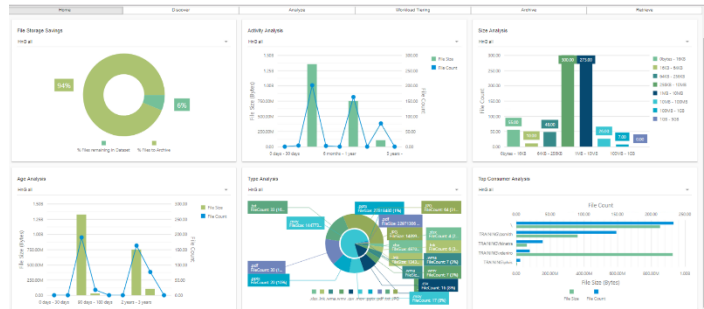
## Metadata Driven Management with Analytics

StorageX Metadata Analytics is an advanced file metadata analytics engine that is integrated with the latest StorageX 8.4 and supports Windows and Linux, Data ONTAP, VNX OE for File, OneFS, CIFS/NFS client computers, IBM Cloud Object Storage, StorageGRID®, and S3-compliant object storage.

StorageX Metadata Analytics scans and discovers file storage resources across your enterprise, tags the scanned data set, and brings it into a database. Queries can then be configured on data that require actions. With StorageX, you can immediately take actions such as migrate, archive, and quarantine on the required data sets to optimize your infrastructure and reduce risk.

StorageX Metadata Analytics Provides:

- Insight into File Storage Savings
- Activity Analysis
- Size Analysis
- Age Analysis
- Type Analysis
- Top Consumer Analysis



## New upgrade for StorageX Metadata Analytics

Duplicate File Report for Shares: Reduce cost of operations on both storage and real estate cost by using object storage instead of production storage. Improve your infrastructure optimization projects by identifying and eliminating redundant files.

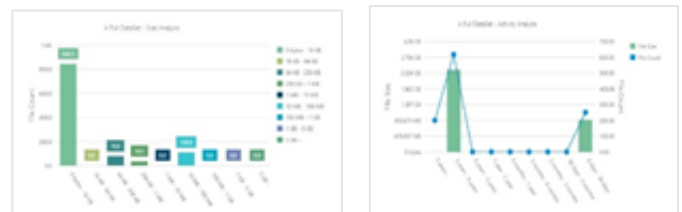
Custom tags are now compliant with target S3 storage for AWS and Azure: Implement a high level of data governance when adopting S3 storage technology to ensure that information assets are efficiently managed.

## Act on your Data with Metadata Analytics

Visualize file storage infrastructure relationships from Namespace, File Server, shares, exports, volumes, qtrees, folders, to individual files or S3 buckets to individual files.

Infrastructure reports provide detailed hardware configuration details and filesystem information. Reports provide intelligent and dynamic views of your file storage infrastructure.

Provision heterogeneous file storage resources: CIFS shared folders, NFS Exports, Data ONTAP volumes, qtrees, and SNAPMirrors. For S3 compliant storage systems, StorageX can provision S3 buckets.



Machine Name	Share Name	Volume/File System	Comments	Connect...	File System	Is CIFS Share...	Is Hidden	Is Special	Local Path	Max Conne...
on-cifs-1.training.local	Target_SFS				0 NFS				Target_SFS	4,294,967,...
on-cifs-1.training.local	Application_S2F1	Application_S2F1			0 NFS				Application_...	4,294,967,...
on-cifs-1.training.local	Source_S2F1_S3	Source_S2F1_S3			0 NFS				Source_S2F1_S3	4,294,967,...
on-cifs-1.training.local	Target_S2F1_S3	Target_S2F1_S3	New Site		0 NFS				Target_S2F1_S3	4,294,967,...
on-cifs-1.training.local	us	VFAPRIM2_root			0 NFS				us	4,294,967,...
on-cifs-1.training.local	us@S	VFAPRIM2_root			0 Unknown				us@S	4,294,967,...

Machine Name	Export Name	Volume/File System	Public Per...	Permissions	Allowed Hosts	Export Sert...	Actual Path
on-cifs-1.training.local	/	VFAPRIM2...	owner@j...	0777	Everyone	secret@A...	/
on-cifs-1.training.local	Target_SFS	Target_SFS	owner@j...	0755	Everyone	secret@A...	Target_SFS_S3
on-cifs-1.training.local	us@S	us@S_L2ND	owner@j...	0777	Everyone	secret@A...	us@S@us@S_L2ND
on-cifs-1.training.local	us@S	us@S_L2ND	owner@j...	0777	Everyone	secret@A...	us@S
on-80-1.training.local	ifs@Source...	ifs	owner@j...	0777	[owner@j...]	secret@A...	ifs@Source_NFS_S3
on-80-1.training.local	ifs@not_data	ifs	owner@j...	0777	0.0.0.0/0	secret@A...	ifs@not_data

Machine Name	Client Computer Name	Path
on-80-1.training.local	0.0.0.2	ifs@Source_NFS_S3
on-80-1.training.local	0.0.0.2	ifs@Source_NFS_S3
on-80-1.training.local	0.0.0.2	ifs@not_data
on-80-1.training.local	0.0.0.2	ifs@not_data
on-80-1.training.local	0.0.0.2	ifs@Source_NFS_S3



## Why StorageX Metadata Analytics?

StorageX Metadata Analytics provides in-depth hardware and file system information to manage your IT business processes. Here are some challenges that organizations commonly face:

- Changing storage vendors? How do I collect details about the current hardware infrastructure?
- Merging with another company? How do I merge namespaces into a new coherent model?
- Employee layoffs? How do I protect file shares that ex-employees had access to?

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Learn More at [datadynamics.com/storagex/](https://datadynamics.com/storagex/)  
Find answers to your questions by contacting [Sales@datdyn.com](mailto:Sales@datdyn.com)

### About Data Dynamics

[Data Dynamics](#) is the pioneer of unified unstructured data management platform. With 26 of the Fortune 100 global customers worldwide, Data Dynamics enables organizations to analyze, move, manage, and modernize their data anywhere. Data Dynamics accelerates the adoption of hybrid, public and multi-cloud strategies, builds higher quality SLAs, and improves business process modernizations. For more information, visit [www.datadynamicsinc.com](https://www.datadynamicsinc.com).

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