



StorageX 8.2 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



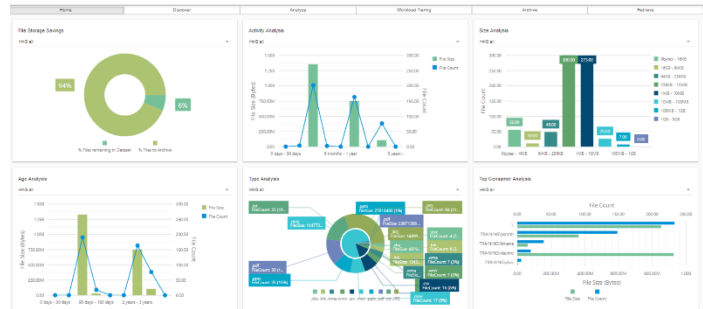
Metadata Driven Management with Analytics

StorageX Metadata Analytics is an advanced file metadata analytics engine that is integrated with the latest StorageX 8.2 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



What's New in StorageX 8.2 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.

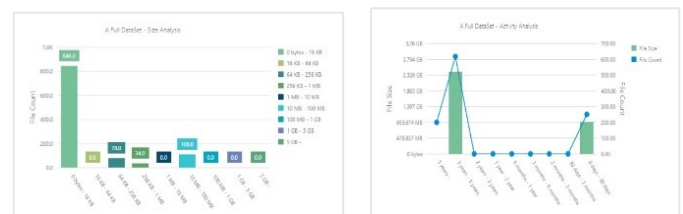
Custom tags are now compliant with target S3 storage for AWS and Azure: Implement a high level of data governance when adopting S3 storage technology to ensure that information assets are efficiently managed.

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	Connecto...	File System	Is DFS Nam...	Is Hidden	Is Special	Local Path	Max Conne...
on-ofs-1.training.local	Target_DFS	Target_DFS							/Target_DFS	4,294,967...
on-ofs-1.training.local	Replication_TGT1	Replication_TGT1			0	NTPS			/Replication_T...	4,294,967...
on-ofs-1.training.local	Source_CIFS_IG	Source_CIFS_IG			0	NTPS			/Source_CIFS_IG	4,294,967...
on-ofs-1.training.local	Target_CIFS_IG	Target_CIFS_IG	New One		0	NTPS			/Target_CIFS_IG	4,294,967...
on-ofs-1.training.local	ifs	NTAP95M2_root			0	NTPS				4,294,967...
on-ofs-1.training.local	admin\$	NTAP95M2_root			0	Unknown				4,294,967...

Machine Name	Export Name	Volume/File...	Folder Per...	Permissions...	Allowed Hosts	Export Sett...	Actual Path
on-ofs-1.training.local	/	NTAP95M2...	owner(f,wi...	0777	Everyone	sec-sys: a...	/
on-ofs-1.training.local	/Target_NF...	Target_NF...	owner(f,wi...	0755	Everyone	sec-sys: a...	/Target_NFS_IG
on-ofs-1.training.local	/vol_SG(st...	vol_SG_LINX	owner(f,wi...	0777	Everyone	sec-sys: a...	/vol_SG/tree_SG_LINX
on-ofs-1.training.local	/vol_SG	vol_SG_LINX	owner(f,wi...	0777	Everyone	sec-sys: a...	/vol_SG
islon-80-1.training.lo...	/ifs/Source...	ifs	owner(f,wi...	0777	(everybody)	sec-sys: 1...	/ifs/Source_NFS_IG
islon-80-1.training.lo...	/ifs/vol_data	ifs	owner(f,wi...	0777	10.0.0.0/8	sec-sys: a...	/ifs/vol_data

Machine Name	Client Computer Name	Path
islon-80-1.training.local	10.0.0.2	/ifs/Source_NFS_IG
islon-80-1.training.local	10.0.0.2	/ifs/Source_NFS_IG
islon-80-1.training.local	10.0.0.2	/ifs/vol_data
islon-80-1.training.local	10.0.0.2	/ifs/vol_data
islon-80-1.training.local	10.0.0.2	/ifs/Source_NFS_IG



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?

Click here for a FREE StorageX Metadata Analytics Trial & Assessment

See StorageX in Action and [Book a Demo](#)
Learn More at datadynamics.com/storagex/
Find answers to your questions by contacting Sales@datdyn.com

About Data Dynamics

[Data Dynamics](#) is a leader in intelligent file management solutions that empower enterprises to seamlessly analyze, move, manage and modernize critical data across hybrid, cloud and object-based storage infrastructures for true business transformation.

Its award-winning StorageX platform eliminates vendor lock-in and provides a policy-based, storage management platform to provide the insight, agility, and operational efficiency to transform your data assets into competitive advantage. Used today by 26 of the top Fortune 100 companies, StorageX has optimized more than 350 PB of storage, saving more than 170 years in project time and \$250 million in total storage costs. For more information, please visit: www.datadynamicsinc.com.

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