

# MatrixStore 4.1 Release Notes

This version is based on MatrixStore v4.1 and includes new features and bug fixes across Object Matrix products.

## New Features

### MatrixStore Features

Summary	Release Notes
Support for MXFS on CentOS 7.7	Added support for MXFS on CentOS 7.7
Hub Statistics	Hub stats in Sense including load, network traffic and Vision activity
Capabilities	Provides the ability to control access to application features on a per user basis, starting with Vision
Enhanced Cluster Statistics	Including history of used capacity and the number of objects in the cluster
Sense	New framework for statistics, analytics and monitoring including node hardware information, cluster statistics and alerts
Use of OpenJDK in client applications	Client applications now use OpenJDK rather than Oracle's JRE
Support for Mojave (macOS 10.14)	Added support for all client applications on macOS Mojave
On-premise Monitoring	Monitor your on-premise cluster including hardware and storage information and setup custom alerts
New Metadata DB	New metadata DB providing improved performance and efficiency when handling a large number of object transactions

### MatrixStore Important Bug Fixes and Improvements

Release Notes
Regeneration improvements when handling single instance vaults

### Vision Features

Summary	Release Notes
Vision Reverse Proxy	Offers improved HTTPS transfer speeds and free SSL certificates with automatic renewal provided by LetsEncrypt
Capabilities	Control Vision features available to individual users including the ability to restrict who can download objects via Vision
Partial Restore	Create rough cut subclips from your video assets

Metadata Export	Export the metadata stored for objects in the MatrixStore in XML format
J-K-L keyboard shortcuts	J-K-L keyboard shortcuts now supported during video playback
Advanced Search and Filtering	Filter Vision searches by metadata form fields and archive date

## S3Connect Features

Summary	Release Notes
Support for v2 object listings	Added support for v2 object listings

## Move2 Features

Summary	Release Notes
XenData support for long file paths	Added support for file paths longer than 256 characters with XenData archives. The solution for this also means that move2 no longer needs to be updated to accommodate new XenData versions, and therefore also now includes support for Xendata 7.04
Use of OpenJDK in client applications	move2 now uses OpenJDK rather than Oracle's JRE
AWS S3 upload improvements	Improved handling of connection loss during upload and increased upload speed of large files

## InterConnect Features

Summary	Release Notes
Use of OpenJDK in client applications	InterConnect now uses OpenJDK rather than Oracle's JRE