



What's New in Catalogic® DPX™ 4.6

Rethinking data protection with Catalogic DPX

This document summarizes the key new features in Catalogic DPX v 4.6.0 and vStor. You can also find a comprehensive list of all the new features, feature enhancements, and fixes in the Catalogic DPX 4.6.0 Release Notes in the My support area at <https://mysupport.catalogicsoftware.com/>.

New Feature Information for Catalogic DPX 4.6

Feature	Description	Benefit
Agentless Backup Support		
Archive to Cloud Support for AWS	Archive Agentless backup data to Amazon Web Services (AWS) cloud via the AWS S3 REST API.	Allows use of AWS cloud for long-term data storage and tape replacement.
Archive to Cloud Support for minIO	Archive Agentless backup data to minIO object storage via the AWS S3 REST API.	Allows use of cloud-based object storage for long-term data storage and tape replacement.
Instant Access restore to a standalone ESXi server	Provides the ability make a VM instantly accessible directly to an ESXi server in case the VMware vCenter is not available.	Provides an alternative recovery option if vCenter is unavailable.
DPX Core Improvements		
New DPX UI Phase 1: Dashboard, job monitor and reporting	A completely new DPX User interface which includes Dashboard views, Job Monitor and reporting.	<p>Gives users a technical preview of the intuitive new modern interface for key DPX functions.</p> <p>Forms the basis for delivering all DPX functionality via the new UI.</p>
Cloud Device Cluster	Users can add AWS Cloud as a backup destination in the DPX GUI.	Provides a new backup target that simplifies use of cloud storage.
Cloud Media Support	Auto creates cloud media once a cloud media pool is configured.	Simplifies setup and management of cloud backup targets.
DPX Master Server Hyper-V template	The DPX Master server can now be deployed as a template to Microsoft Hyper-V environments.	Expands available hypervisor platforms for deploying a DPX Master Server.
DPX vStor Hyper-V Template	The vStor Appliance can now deployed as a template to Microsoft Hyper-V environments.	Expands available hypervisor platforms for deploying a vStor server.
NDMP Backup Support		
Archive NDMP to cloud via AWS	NDMP backups can be archived to the cloud via the AWS S3 REST API. Full file index and granular recovery are supported.	Allows use of AWS cloud for long-term data storage and tape replacement.

Feature	Description	Benefit
vStor Improvements		
Performance tuning	The performance of vStor snapshot and volume deletions has been improved.	Improved product performance.
Upgraded vStor to ZFS 0.8.1 and Linux kernel 3.10	Provides ZFS improvements and Linux kernel security fixes.	Incorporates latest updates and security fixes.
Email notification support for failed replications and degraded pool issues	vStor can generate emails to provide alerts for replication failures or disk problems.	Improves product management.
MinIO bucket support for vStor volumes	Provides the ability to configure minIO volumes on vStor for private cloud support.	Allows users to access cloud object storage as a backup repository.
Switching Pool offline for maintenance	Provides the ability to place a Storage Pool offline for hardware or software maintenance.	Simplifies product maintenance.
Time zone setting for replication scheduler	Provides the ability to select a time zone for replication schedule.	Simplifies replication scheduling for end user.
New Platform Support		
CentOS	CentOS 7.5 and 7.6 are supported as basic and block level clients.	Extends DPX support to latest operating system release.
Red Hat Linux	Red Hat Linux 7.5, 7.6 and 7.7 are supported as basic and block level clients.	Extends DPX support to latest operating system release.