What's New in Catalogic DPX® 4.9

The Smart Choice in Data Protection

This document summarizes the key new features in Catalogic DPX version 4.9. You can also find a comprehensive list of all the new features, feature enhancements, and fixes in the Catalogic DPX 4.9 Release Notes in the Support website area at https://www.catalogicsoftware.com/support/.

Feature	Description	Benefit
DPX Cyber Resilience		
GuardMode for Linux	Adds Linux server and Samba shares to the ransomware detection agent with the ability to detect and notify an administrator of possible suspicious activity on the host.	This is an upgrade to the GuardMode for Windows agent that adds an additional layer of ransomware detection and alerting for Linux servers and Samba shares.
Encrypted files detection and encryption tracking	Adds an agent feature that detects encrypted files and tracks the encryption process to provide a list of affected files through a REST API.	This allows administrators to improve understanding of the infection scope as well as provides a list of affected files to restore.
Syslog support	Adds syslog as a notification target for notifications.	Allows administrators to plug in GuardMode agent notifications into their existing security event collection workflows (for example, into a SIEM solution.)
DPX Services		
Support for Block Backup and Restore in HTML UI	Adds the option of scheduling Block Backups and all corresponding restore options (File Restore, Instant Access Mapping, Backup Virtualization, Application) to HTML UI.	User can run block backup and restore workloads without relying on the Java GUI by using the HTML UI or REST API, which is faster and opens up new automations or integrations possibility.
Support for Double Protection for Block Backup	Adds option of Double Protection in the HTML UI.	Administrator can now configure Double Protection (Archiving) via the HTML UI more responsively and more intuitively. REST API is available for this feature as well.
Reporting improvements	Adds the ability to generate PDF versions of the reports, scheduling of reports execution and option to send them via email. Also introduces a new report for 24 hour job status overview.	Administrator can set reporting schedules and get reports to their email inbox.

DPX Services		
Event service improvements	Adds more Master Server events to be received by the DPX event service.	This allows an administrator to configure granular email notifications for more types of events from DPX services, including backup jobs status changes and more.
Appliance operating system update to AlmaLinux 8.7	Migrated the appliance operating system to a downstream Linux distribution from Red Hat and upgraded to a current release.	Enhances security and stability of the DPX appliance.
DPX Core		
Archive from Alternate/Replicated DPX vStor	Adds the ability to archive from a replicated vStor.	Allows the Administrator the flexibility to configure backup to a primary DPX vStor at a branch office then replicate to a central site vStor, and to also archive data from the secondary vStor to Cloud/Tape/DiskDirectory, and then restore to any location.
Microsoft Azure Blob and Alibaba Object Storage support	Adds Microsoft Azure Blob and Alibaba Object Storage support as Archive/NDMP cloud targets.	Support more cloud object storage types.
Catalog Condense improvements	Catalog Condense cleans up Cloud and DiskDirectory storage	Eases the process of maintaining storage used by DPX for backups storing.
Integrating DPX core services to Linux systemd service manager	Uses systemd to manage cmagent/nibbler services on Red Hat/CentOS 7.6+ and SUSE 12+.	Better integration of DPX to Linux system service manager.
New BMR ISO for Linux kernel v4.18	New Linux BMR ISO to support Linux kernel v4.18	Enhances disaster recovery ability for Linux.
DPX vStor - Software-Defined Backup Appliance		
Addition of MFA	Adds a Multi-Factor Authentication (MFA) to both UI and console access.	Improves security by adding MFA method that requires the user to provide two or more verification factors to gain access to a resource such as an application, online account, or a VPN.
Password reset improvements	Adds the ability to reset password on HTML UI.	Eases the process of user password updates.
Physical installation ISO	Creates ISO installation image that can be used to install vStor on physical appliances.	Ensures that an OS is preconfigured for vStor and packages are fully compatible with all vStor features.

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DPX
vStor