

## What’s New in Catalogic DPX® 4.11

**Catalogic DPX version 4.11** introduces a variety of powerful, user-driven features that significantly enhance data protection, disaster recovery, and operational efficiency. Many of these capabilities are based on direct user feedback, focusing on real-world needs. With a focus on rapid recovery, **DPX 4.11** helps customers quickly return to production environments. This document provides an overview of key updates and their benefits.

To learn more about how **DPX 4.11** can meet your data protection needs or to schedule a demo, please visit <https://www.catalogicsoftware.com/> or [contact us](#) today.

DPX Orchestrated Disaster Recovery for VMware		
Feature	Efficiency	Impact
Selecting Multiple Virtual Machines	<ul style="list-style-type: none"> <li>• <b>Time-saving:</b> Enables bulk VM selection instead of individual VM restoration using iSCSI protocol.</li> <li>• <b>Simplified Workflow:</b> Manages everything in one job.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Reduced Downtime:</b> Accelerates the restoration process via NFS protocol.</li> <li>• <b>Lower Risk of Human Error:</b> Minimizes manual steps, less administrative overhead.</li> </ul>
Cleanup of Restored Resources	<ul style="list-style-type: none"> <li>• <b>Automated Cleanup:</b> Eliminates the need for manual intervention.</li> <li>• <b>Consistent Cleanup Process:</b> Removes all temporary resources (e.g. VMs, datastore(s), etc.)</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Improved Resource Management:</b> Prevents storage clutter and optimizes usage.</li> <li>• <b>Time Savings:</b> Automates cleanup tasks, saving valuable time.</li> </ul>
Scheduling Job Execution	<ul style="list-style-type: none"> <li>• <b>Automated Scheduling:</b> Provides a “Set and forget” functionality for periodic DR testing.</li> <li>• <b>Optimal Resource Utilization:</b> Schedules jobs during low system load periods.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Minimal Disruption to Business Operations:</b> Executes restores outside business hours.</li> <li>• <b>Improved System Performance:</b> Prevents resource contention during peak times.</li> </ul>
Maintenance of Job Definitions	<ul style="list-style-type: none"> <li>• <b>Flexible Job Management:</b> Allows edits without recreating jobs.</li> <li>• <b>Granular Control:</b> Adjusts specific parameters to meet varied needs.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Time Savings:</b> Avoids recreating entire jobs for small changes.</li> <li>• <b>Improved Accuracy:</b> Reduces errors associated with job recreation.</li> </ul>

		<ul style="list-style-type: none"> <li>• <b>Reduced Downtime:</b> Prepares restore jobs in advance for complex systems, minimizing downtime.</li> </ul>
Rapid Return to Production	<ul style="list-style-type: none"> <li>• <b>Fast Migration:</b> Quickly transfers backups to production storage.</li> <li>• <b>Seamless Transition:</b> Minimizes service interruption by moving VMs from vStor to production datastore(s).</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Reduced Downtime:</b> Accelerates return to normal operations by moving VMs back to production storage.</li> <li>• <b>Improved Business Continuity:</b> Minimizes restoration impact on services.</li> </ul>
Network Configuration (MAC Cloning, Mapping)	<ul style="list-style-type: none"> <li>• <b>Preserved Network Identity:</b> Maintains original MAC addresses for consistency.</li> <li>• <b>Flexible Network Mapping:</b> Allows restoration to different network segments.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Simplified Restoration:</b> Avoids the need for post-restore network configuration.</li> <li>• <b>Versatile Testing Capabilities:</b> Enables restoration in isolated network environments.</li> </ul>
Setting VM Restore Order	<ul style="list-style-type: none"> <li>• <b>Controlled Restoration Sequence:</b> Ensures dependencies are met efficiently.</li> <li>• <b>Prioritized Recovery:</b> Restores critical systems first.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Smooth System Recovery:</b> Prevents issues from incorrect restore orders.</li> <li>• <b>Faster Overall Recovery:</b> Speeds up availability of critical systems.</li> </ul>

### vStor Immutability

Feature	Efficiency	Impact
Deletion Lock for Enhanced Immutability	<ul style="list-style-type: none"> <li>• <b>Data Immutability:</b> Prevent accidental or malicious deletion effectively.</li> <li>• <b>Flexible Lock Options:</b> Offers both fixed and flexible lock choices.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Improved Compliance:</b> Ensures adherence to data retention requirements.</li> <li>• <b>Enhanced Data Protection:</b> Protects against ransomware and insider threats.</li> </ul>

### vStor Snapshot Explorer

Feature	Efficiency	Impact
vStor Snapshot Explorer	<ul style="list-style-type: none"> <li>• <b>Granular Recovery:</b> Allows restoration of individual files or folders.</li> <li>• <b>Efficient Exploration:</b> Enables browsing of backup contents without the need for the DPX catalog.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Time Savings:</b> Quickly recovers specific data without a full VM restore</li> <li>• <b>Resource Efficiency:</b> Minimizes the storage and compute resources required in recovery.</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Backup Catalog Server Independence:</b> Supports restores even when the Backup Catalog Server is offline.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Enhanced Business Continuity:</b> Ensures critical restores are performed even if the Backup Catalog Server is unavailable, reducing downtime and maintaining data availability.</li> </ul>
<b>vStor GuardMode Integration</b>		
<b>Feature</b>	<b>Efficiency</b>	<b>Impact</b>
vStor GuardMode Integration	<ul style="list-style-type: none"> <li>• <b>Proactive Threat Detection:</b> Detects potential security issues in backups before restoration.</li> <li>• <b>Integrated Security:</b> Provides built-in protection without the need for additional tools.</li> <li>• <b>Pre and Post-restore Scanning:</b> Scans for anomalies before and after the restore process.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Enhanced Security and Compliance:</b> Proactive threat detection ensures early identification of risks, maintains data integrity for regulatory compliance, and protects IT leadership by securing clean, malware-free restores.</li> <li>• <b>Operational Resilience:</b> Rapidly restores secure data to minimize downtime, improve incident response, and ensure business operations continue smoothly during recovery.</li> <li>• <b>Data Integrity and Assurance:</b> Verifies restored data as malware-free, preventing reinfection and guaranteeing secure, reliable recovery of critical business processes.</li> </ul>

DPX 4.11 continues the march to add features to protect customers and ensure a rapid recovery. To see how DPX 4.11 can benefit your organization, **request a demo today** at <https://www.catalogicsoftware.com/request-a-demo/>.



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