



# Protect DPX Backups with DataCore Swarm

Immutable Storage Solution for Ransomware Protection and Instant Recovery

## Why Object Storage for Backups?

Why use expensive backup appliances or have the hassle of managing tapes when you can store your data on-premises in object storage for a fraction of the price? You can accomplish these, while protecting your backups from ransomware and providing verifiable compliance for data retention with Catalogic DPX® and DataCore Swarm.

DPX is a reliable, secure, and low-cost enterprise data protection solution to protect and recover your data and systems from human errors, disasters, and ransomware attacks. Physical and virtual environments are fully supported, and files and applications are easily recovered directly from backup storage.

With Swarm for backup and archive storage, you can have peace of mind that your data is backed up, safe from ransomware attacks, is there when you need it for quick recoveries, and that you are not overpaying.

## Scalable, Immutable Storage

Swarm provides a massively scalable cost-effective object storage platform to manage the growing volume of backups. With Swarm, organizations benefit from a secure and reliable secondary storage to protect backups, which are stored on-premises, thus enabling better data governance and adherence with IT security policies. Keeping backup data on-premises eliminates concerns over data sovereignty and long network latency delays.

## Solution Benefits

- **Reduced costs** by storing backups on cost-effective S3 object storage.
- **Ransomware protection** for backups via immutable object storage.
- **Replace tape** with low cost, on-premises object storage.
- **Secure solution** with encryption in transit and at rest compliance.
- **Easily scale** to support growing backup files and granular recovery points.
- **Meet RPO and RTO objectives** via highly available and accessible object storage.
- **Governance and Compliance** via S3 Object Lock and other security functions.

Further protect your business with an extra layer of defense against ransomware and data loss by enabling Object Lock on your S3 buckets. This ensures your backup data sets cannot be maliciously deleted or overwritten, remaining under your control for data governance and compliance.

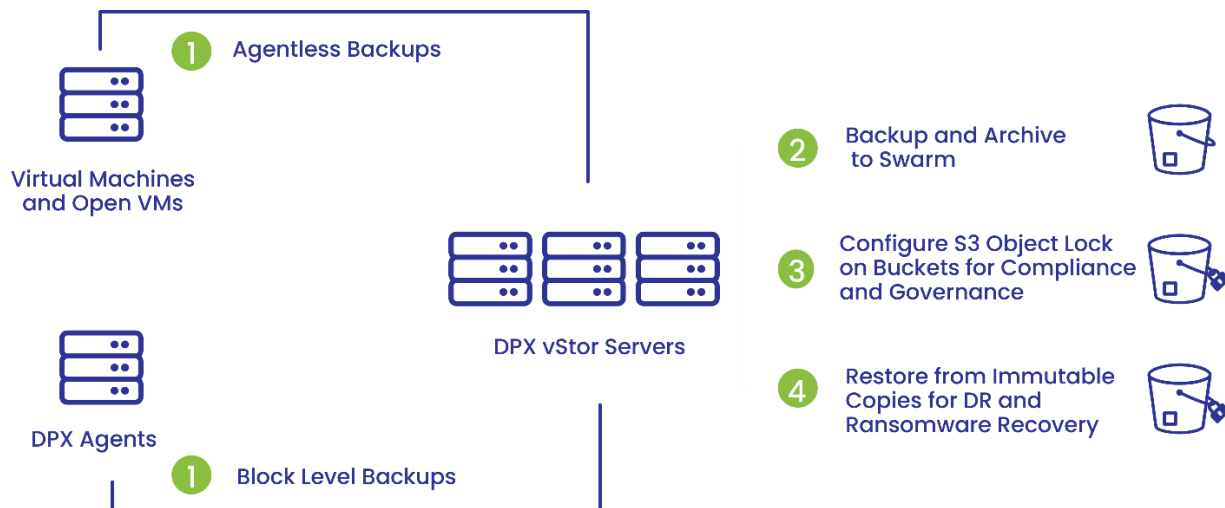
## Fast, Low Cost Tape Replacement

Swarm enables you to keep your critical data safely and economically on-site with high-speed access when needed. Instead of having to wait hours to days to recover data from tape, you can achieve your Recovery Time Objective (RTO) and Recover Point Objective (RPO) SLAs with highly accessible, on-line backup storage.

## Seamless Integration with DataCore Swarm

Catalogic DPX offers seamless integration with Swarm with built-in connectivity via the S3 API. For DPX vStor, Swarm appears as an object storage archive target to select in the UI. Swarm then provides a cost-effective, long term storage solution for data that must remain under your control for compliance or data governance reasons.

## Backup and Archive to DataCore Swarm with S3 Object Lock



## About Catalogic Software

Catalogic Software is a modern data protection company providing innovative backup and recovery solutions including its flagship DPX product family, enabling IT organizations to protect, secure and leverage their data. Catalogic's CloudCasa offers cloud data protection, backup, and disaster recovery as a service for Kubernetes applications and cloud data services. [www.catalogicsoftware.com/dpx/](http://www.catalogicsoftware.com/dpx/)

## About DataCore

DataCore Software delivers the industry's most flexible, intelligent, and powerful software-defined storage solutions for the core, edge, and cloud. With a comprehensive product suite, intellectual property portfolio, and unrivaled experience in storage virtualization and advanced data services, DataCore has helped over 10,000 customers worldwide modernize how they store, protect, and access data. [www.datacore.com](http://www.datacore.com)

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