

# Secure and High-Performance Data Protection with Cohesity and Pure Storage

## Key Benefits

- Robust security for ransomware defense
- Rapid recovery at scale
- Simplified management
- Reduced data center space and energy use

The steadily increasing value and volume of data have enterprises rapidly adopting all-flash architectures for primary storage. Yet many backup environments rely on legacy technology, compromising organizations' ability to defend against and respond to ransomware and meet the most demanding recovery requirements.

Cohesity and Pure Storage deliver an innovative, first-of-its-kind solution to address all of these challenges. Pure Storage® FlashBlade//S™ with Cohesity® DataProtect™ is a modern data protection solution featuring multi-layered security to defend data against ransomware, offer comprehensive workload coverage, and support near-instant data recovery at multi-petabyte scale. The jointly validated all-flash solution is secure, performant, and simple backup and recovery for enterprise data.

## Multi-layered Data Security to Combat Ransomware

Cybercriminals use ransomware to compromise, exfiltrate, and hold enterprise data, applications, and systems hostage. As the threat of ransomware grows, it's essential to build cyber resiliency to minimize business disruption when disaster strikes. Resilience stems from proactive practices and dynamic infrastructure that quickly adapts to change. The solution, integrating Cohesity's DataProtect software with Pure Storage's new FlashBlade//S™ all-flash storage, provides multiple layers of security against unauthorized access or tampering of system and data and flexible, high-performance recovery on-premises.

## Two Industry Leaders, One Ground-breaking Solution

Together, Cohesity and Pure Storage meet your modern data protection needs with the best of backup and all-flash storage technology. With storage innovation from Pure Storage and leading data security and management from Cohesity, you can defend all your backup data wherever it resides and achieve rapid restore at scale.

**“We sought a modern backup and recovery solution in the aftermath of a ransomware attack. Our leadership wanted a solution that shrunk our restore time from three weeks to three days. With Pure FlashRecover, Powered by Cohesity, we beat this SLA hands down and can now execute a complete restore of over 500 servers in just a few hours. It's spectacular!”**

– Sean Halihan, Vice President of IT Infrastructure and Operations at Afni

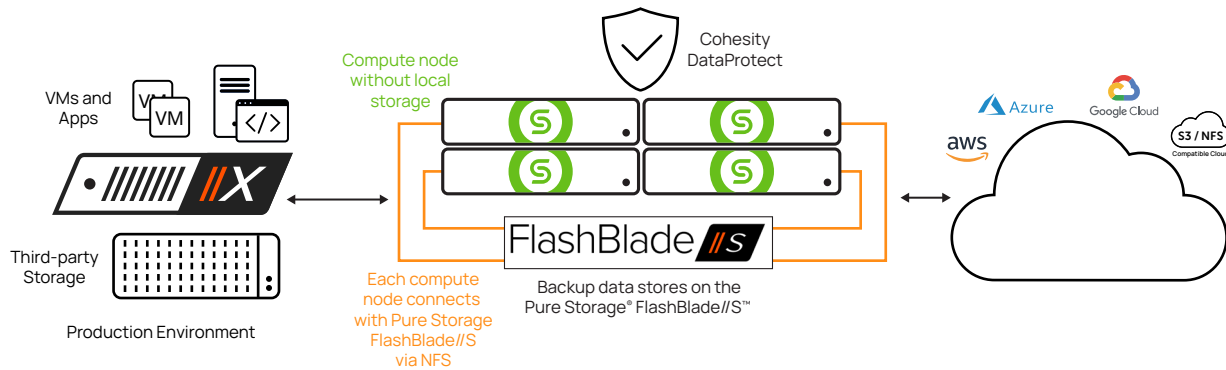


Fig. 1: Single Site Deployment For Fast Recoveries With the Option of Cloud as Offsite Repository

## Robust Built-in Security

- Fast restoration of data and entire cluster to a known-good state—thanks to a locally isolated and immutable copy of the data in the primary environment
- Immutable backups that can be locked to prevent expiration or deletion
- Comprehensive access controls, including multi-factor authentication, granular role-based access, encryption, and quorum approval for critical actions

- Efficiency scaling from 168TB to 2PB data storage in a single chassis
- Reduced energy consumption through the FlashBlade//S architectural design and Cohesity's storage efficiency technologies that can help save data center space and cut power and cooling use

## High-Performance Backup and Recovery

- Up to 3x faster backup and restore throughput than disk-based alternatives
- Recover 1000s of virtual machines a day
- Up to a petabyte (1PB) or more of restore a day to meet large disaster recovery needs

## Simplified Management

- Ease of management, auto-discovery, and configuration of FlashBlade//S
- Non-disruptive upgrades
- Native cloud integration for flash-to-flash-to-cloud backup, recovery, and archive

Pure Storage FlashBlade//S with Cohesity DataProtect is a radically simple, high-performance data protection solution that provides unparalleled security, performance, efficiency, scale, and simplicity. Having this protect your workloads means being able to quickly recover at multi-petabyte scale. The jointly validated solution is available worldwide through select Pure Storage and Cohesity partners with collaborative, best-of-breed support from both industry leaders.

## Sustainability that Scales with Data Growth

- Scale-out, disaggregated architecture allowing independent optimization of compute and storage capacity for cost savings and flexibility

Learn more at [www.cohesity.com/pure-storage](https://www.cohesity.com/pure-storage)

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