PURESTORAGE®
Uncomplicate Data Storage, Forever

COMMVAULT

SOLUTION BRIEF

Ransomware Remediation with FlashBlade SafeMode

Increase Commvault data protection with Pure Storage FlashBlade Object SafeMode.

Businesses and IT leaders continue to view the threat of ransomware attacks as a priority—and for good reason. Ransomware can compromise access to your organization's lifeblood: your data. The consequences to your business can be dire if you pay perpetrators to (maybe) unencrypt your data, stumble with decryption tools, or gamble on recovering from backups. With millions of dollars spent annually to guard entry points to data, many still underestimate the strategic value of elevating data protection plans.

Your Existing Data Protection May Not Be Enough

Backups safeguard critical data against common scenarios, such as recovering from natural or human-made disasters, data corruption, or accidental deletions. However, ransomware attacks can stress your existing data protection infrastructure more than expected, especially if it's built on legacy architectures like disk and tape.

If you're already struggling to meet recovery service level agreements (SLAs), a ransomware attack can intensify the situation with additional, unplanned downtime. An attack can compromise your backup systems and data, which could require you to reinstall and reconfigure your backup solution before even contemplating data recovery.

The Value of FlashBlade and Commvault

Pure Storage® FlashBlade//S™ and Commvault allow you to significantly improve your data protection outcomes. The all-flash architecture of FlashBlade® Rapid Restore delivers uncompromisingly fast backup and restore to overcome the limitations of legacy data protection architectures. High-performance inline deduplication stores only unique blocks of data, which highly optimizes the storage that your Commvault backups and snapshots consume.

Secure Data and Backups

Object SafeMode and SafeMode help prevent permanent loss of data due to attacks or administrator mistakes.

Rapidly Restore at Scale

All-flash architecture achieves rapid recovery at scale, which is critical after a ransomware attack.

Break away from Backup Appliances

Meet the needs of modern applications and data to deliver simplicity and performance for unstructured data workloads.

Ransomware Protection

Object SafeMode™ is a system-wide policy that prevents anyone from deleting an object until it has reached a specific age. Combined with a layered vaulting approach in Commvault, Object SafeMode provides an immutability window where data is protected from an attacker for a minimum amount of time. Because the backup data can't be altered or destroyed, it's available immediately, helping guard against attacks by ransomware, accidental deletion, and even rogue admins. Using SafeMode to secure CommServe DR backups provides:

- **Enhanced protection:** With SafeMode, only an authorized designee from your organization can work directly with Pure Storage Technical Support to configure the feature, modify policy, or manually eradicate data.
- **System-wide security:** Object SafeMode protects all object buckets on the FlashBlade, not just ones used by Commvault.
- **Flexibility:** The object immutability period is customizable for up to 400 days.
- **Rapid Restore:** A massively parallel architecture and elastic performance that scales with data speeds the backup and recovery.
- **Investment protection:** FlashBlade//S includes Object SafeMode at no extra charge. Pure Storage Evergreen//Forever™ or your maintenance support contract covers enhancements.

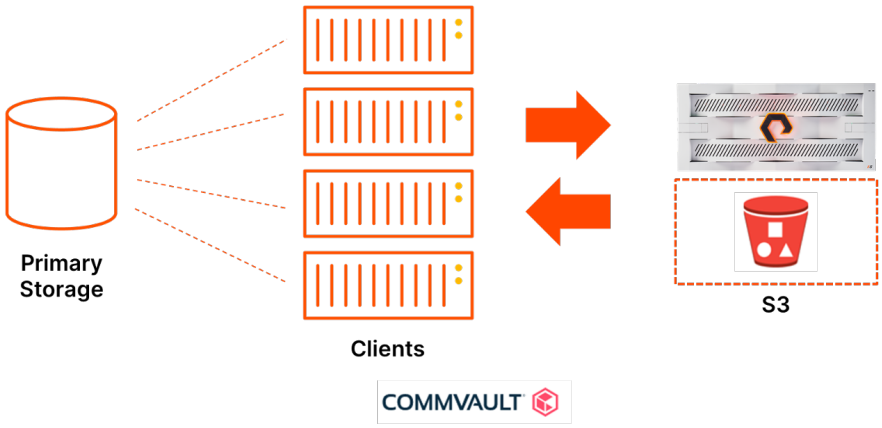

Figure 1. As backups are written to FlashBlade//S, they become locked with Object SafeMode, enabling transparent rapid recovery in a ransomware event.

Additional Resources

- Learn about deploying FlashBlade//S Rapid Restore with Commvault.
- See all Pure Storage data protection solutions.
- Discover Pure Storage FlashBlade//S.
- Learn about the Pure solutions for Commvault.
- Understand the Pure Storage Evergreen portfolio.

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