Solution Brief

Rubrik Virtual Vault, Powered by Everpure

Everpure and Rubrik cyber resilience, ready now on infrastructure you already own

Supply chain shortages can leave critical systems exposed for months at a time. Rubrik Virtual Vault, powered by Everpure™, removes that barrier. Deploy Rubrik's full cyber resilience stack today, on infrastructure you already operate, with backup data secured on Everpure immutable, indelible, cyber-resilient storage.

Rubrik Virtual Vault

Rubrik Virtual Vault is a Rubrik deployment option that lets customers run Rubrik Cloud Data Management software without the traditional dedicated hardware. It uses virtual machines on infrastructure a customer already operates, packaged as a preconfigured open virtualization appliance that includes a hardened OS and Rubrik software. It runs on VMware ESXi today, with Nutanix AHV support coming, and scales out to a cluster of three or more nodes.

The backup software runs on those virtual machines, but the backup data and the cluster's own metadata live elsewhere, on shared storage the customer already owns. That separation matters: if backups lived on the same infrastructure they were protecting, a compromised environment could take them down, too. Instead, data moves out over HTTPS, encrypted in transit, and lands on an append-only filesystem protected by Object Lock, making it unable to be altered or deleted, even by an administrator.

The Everpure advantage

Everpure supports both layers of that architecture. FlashArray™ provides the local, high-performance flash storage each node uses for its own operating system, metadata, and staging cache, accelerating operations without requiring dedicated server hardware. FlashBlade//S™ provides the external object layer—the shared storage where backup data and cluster metadata land—protected and independent of the virtual machines that created them.

No hardware wait

Deploy Rubrik's full cyber resilience stack today, on infrastructure you already operate.

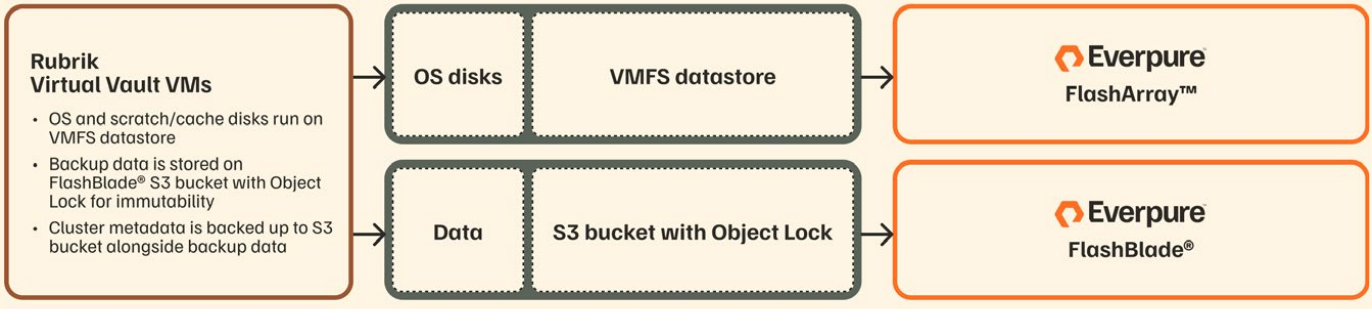
Immutable and indelible

Backup data can't be altered or deleted, even by a compromised administrator account.

Guaranteed recovery

The Evergreen//One SLA guarantees a clean recovery environment after an incident.

Rubrik Virtual Vault architecture



How it works

Rubrik Cloud Data Management delivers the following benefits to the solution:

- **Full workload coverage**: The same protection is provided for VMware, SQL Server, Oracle, and host filesets that Rubrik delivers on bare-metal appliances, with full feature parity.
- **Scale-out clustering**: Start at three nodes and grow; ingest and restore are shared across the cluster, with no proxies required.
- **Unified management**: Rubrik Virtual Vault is managed through Rubrik Security Cloud, the same console used for Rubrik's other deployment options (no new tools for the backup team to learn).
- **Append-only, immutable design**: Backups write to an append-only filesystem, encrypted in transit, before they're ever protected by Object Lock on storage, providing two independent layers of protection against alteration.

On the Everpure side, the solution gains the following strengths:

- **A ransomware recovery guarantee, backed by an SLA**: The Evergreen//One™ cyber recovery and resilience SLA guarantees a clean recovery environment after an incident. Everpure ships a clean array and helps restore from SafeMode™ Snapshots, preserving forensic evidence of the attack. This is a guided recovery path handled directly by Everpure, not a do-it-yourself rebuild pieced together during a crisis.
- **Immutable and indelible protection, at both layers**: SafeMode Snapshots on FlashArray and Object Lock in compliance mode on FlashBlade//S both ensure backup data can't be altered or deleted, even by a compromised administrator account, with no additional license required.
- **Active defense, not passive storage**: AI-driven anomaly detection integrates directly with a customer's existing security tools as well as security information and event management (SIEM), security orchestration, automation, and response (SOAR), and extended detection and response (XDR) platforms such as CrowdStrike, so storage-level threats surface in the same tools a security team already monitors.
- **One console for both layers**: Pure1® and Everpure Fusion™ manage FlashArray and FlashBlade//S together, alongside Rubrik Security Cloud on the backup side.
- **Purpose-built performance**: FlashArray and FlashBlade//S are built for high-throughput workloads, so storage isn't the bottleneck at either layer.
- **Efficient handling of already-optimized data**: Rubrik's own software deduplicates, compresses, and encrypts backup data before writing it to storage; Everpure platforms are built to write and retrieve that already-optimized data efficiently at scale.

Take the next step

Ready to see Rubrik Virtual Vault and Everpure in action? Contact your Rubrik or Everpure representative to learn more.

Everpure and Rubrik Joint Solutions

Visit Our Website | **800.379.PURE**

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