

Escape the VxRail trap

THE BREAKOUT GUIDE

Your IT infrastructure should be a strategic advantage, not a costly limitation. If VxRail is locking you into high costs, rigid scaling, and complex disaster recovery, it's time to break free. Here's how HPE SimpliVity with ProCloud unlocks a better future.

DELL VXRAIL

DATA EFFICIENCY & PERFORMANCE

vSAN RAID-based redundancy, requiring more storage overhead. Post-process deduplication and compression, adding latency and CPU overhead.

BACKUP & DISASTER RECOVERY (DR)

Requires third-party backup solutions (Dell EMC Avamar, Data Domain, VMware SRM), adding costs & complexity.

INFRASTRUCTURE & LICENSING COSTS

Separate licensing required for vSAN, SRM, and backup software.

PERFORMANCE & LATENCY

Relies on software-based caching (vSAN), which uses CPU cycles for storage operations, impacting performance under heavy workloads.

SCALABILITY & MANAGEMENT

Requires identical hardware configurations for expansion and mandates min three nodes per cluster.

NETWORK TRAFFIC & REPLICATION

Uses vSAN replication, which consumes significant bandwidth during data transfers.

EDGE & ROBO DEPLOYMENTS

Not optimised for low-bandwidth or space-constrained environments.

HPE SIMPLIVITY WITH PROCLOUD

Inline deduplication & compression at a 4K block level reduces storage footprint by up to 90% before data is written.

Built-in backup & DR with near-instant recovery (RTO in seconds, RPO near zero) - no additional software required.

No vSAN, SRM, or third-party backup licensing required.

Accelerated data processing module offloads storage operations from the CPU, ensuring consistent high performance.

Supports heterogeneous node scaling with a two-node minimum, reducing upfront investment.

Deduplication-aware replication, reducing bandwidth consumption.

Ideal for Remote Office/Branch Office (ROBO) environments due to its small footprint & high efficiency.

WHAT DIFFERENCE DOES IT MAKE?

Optimises performance, extends SSD lifespan, and reduces write amplification.

Eliminates external backup costs and simplifies operations.

Lower TCO and faster ROI.

Lower latency, higher IOPS, and predictable workload performance.

More flexibility & lower cost when scaling.

Faster DR replication speeds and optimised WAN efficiency.

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