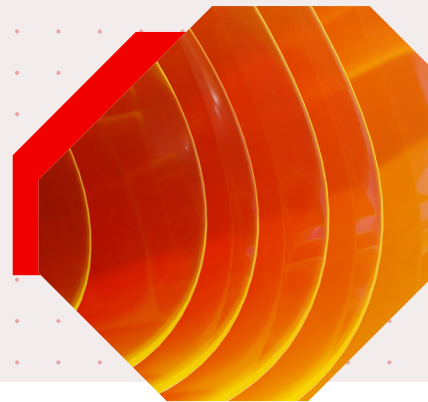


VSP One SDS: Block Storage

Hybrid-Cloud-Ready Software-Defined Storage for Distributed Block Applications



Choose Hitachi Vantara Virtual Storage Platform One Software-Defined Storage (VSP One SDS) for:

- 1. Software-First Agility:**

Software-defined architecture delivers scalable performance, predictable latency, and data portability across distributed block applications — independent of hardware refresh cycles.
- 2. Investment Protection:**

VSP One SDS utilizes commodity x86 hardware, so you can avoid costly vendor-lock-ins and lengthy procurement processes. It delivers data replication and disaster recovery for third-party storage, maximizing efficiency and existing storage investments.
- 3. Flexible Deployment:**

Deploy as software-only, integrated systems, or cloud services for a consistent block storage experience across on-premises and hybrid environments.
- 4. Hybrid Cloud Support:**

SDS Cloud on Amazon Web Services (AWS), Google Cloud Platform (GCP) and Microsoft Azure, lets you access, monitor and manage deployment, capacity, resiliency, mobility and performance of distributed block applications. Replication capabilities enable scalable data transfer from on-prem to cloud environments.
- 5. DevOps-Ready Design:**

API-first integration supports containers and CI/CD pipelines with automated, policy-driven provisioning and enterprise governance.
- 6. Extended Data Services:**

Patented Hitachi Polyphase Erasure Coding enhances data protection, including performance, latency and storage efficiency aspects. Data-at-rest encryption (DARE) keeps data safe from ransomware attackers while enterprise-grade remote-access server (RAS) protects with self-healing capabilities in the case of node failure.
- 7. Simplified Operations:**

Modernize with Hitachi Virtual Storage Platform 360 (VSP 360) — an automated, fully observable, cloud-based monitoring and management software for anywhere storage asset inventory across block, file or object storage. Terraform provides day 1 integrations for colocations.
- 8. Common VSP One Interface:**

SDS block applications can use patented Hitachi Storage Virtualization Operating System (SVOS) across cloud or on-prem block applications for provisioning, data migrations, storage consolidation, and management tasks. Resulting OpEx savings include reductions in training, implementation and consumption costs.
- 9. AI-Driven, Automated Orchestration:**

The VSP 360 AI-driven orchestration toolset streamlines administration, optimizes capacity and performance, and automates workflows for predictive decision-making. Day 1 operation support leverages ALP, CLI or an embedded GUI. And access to real-time key-metric analytics supports proactive planning.
- 10. Legendary Hitachi Vantara Reliability:**

Downtime is not an option. You are assured 99.999% availability in meeting or exceeding application SLAs, irrespective of your deployment choice.