Top 10 Reasons Why

Top Ten Reasons to Choose VSP One for Hybrid Cloud Storage

Powering Hybrid Cloud Storage with Unified Management, Scalability, and Performance

1. **Unified Storage Management**
   VSP One unifies block, file, and object storage for seamless hybrid cloud data management. This provides a scalable, high-performance solutions that simplify operations, optimize costs, and ensures performance across storage environments. Hitachi Storage Virtualization Operating System (SVOS) delivers superior storage performance and resiliency via a common OS that separates the data and control planes ensuring you can seamlessly accommodate data growth and increased data demands.

2. **Scalability for Data Growth**
   VSP One provides scalable, unified storage across on-premises, private cloud, and public cloud environments effectively. The platform offers scalability, starting as a single 2U appliance with up to 1.8PBe capacity and scaling out to 65 systems and 130 controllers. This flexibility allows organizations to seamlessly expand their storage infrastructure as data needs grow, while maintaining consistent management across hybrid and multi-cloud ecosystems.

3. **Hybrid Cloud Integration**
   Hitachi VSP One offers integration across on-premises and cloud environments, enhancing management in complex hybrid environments while ensuring enterprise grade reliability and data availability. With advanced features like AI-enhanced operations (Hitachi Ops Center Clear Sight), robust ransomware protection, and industry-leading capacity warranties, VSP One empowers organizations to optimize their data storage and management effectively.

4. **High-Performance for Modern Workloads**
   VSP One delivers the performance and adaptability required for distributed applications, such as AI and analytics workloads, by providing high-performance, flexible storage solutions that meet the demands of modern applications. The platform's ability to unify block, file, and object storage, combined with its seamless integration across on-premises and cloud environments, enables efficient management of workloads, optimizes performance, and ensures data accessibility across diverse IT storage landscapes

5. **Cost Optimization**
   VSP One provides scalable, unified storage to effectively manage data growth across on-premises, private cloud, and public cloud environments. The platform optimizes costs in hybrid cloud ecosystems by offering seamless integration and high-performance storage solutions tailored for modern applications, such as AI and analytics, databases, and CI/CD workloads. Through features like Dynamic Carbon Reduction and Advanced Data Reduction, VSP One minimizes energy consumption and maximizes storage utilization, helping organizations achieve cost savings while maintaining performance and sustainability goals

6. **Seamless Cloud Extension**
   VSP One SDS, available in AWS Marketplace or on-prem, enables organizations to seamlessly extend their storage capabilities to the cloud using software-defined storage (SDS), without disrupting existing workflows. Key features include native AWS integration, unified management through Hitachi Ops Center, and data replication capabilities, ensuring continuous data access and protection while leveraging cloud resources for backup and scalability.

7. **Unified Management Interface**
   Hitachi Ops Center provides centralized management for monitoring, administration, and orchestration of VSP One hybrid cloud storage resources. Ops Center offers a unified control plane from on-premises to SDS in the cloud.

8. **Flexible Deployment Options**
   VSP One can be deployed as appliances or software-defined solutions, enabling you to tailor your storage architecture to meet specific performance, scalability,

and budget requirements whether on-prem or in the cloud. Flexible deployment options are complemented by VSP One Block's adaptive data resilience and Hitachi Ops Center's unified management capabilities, allowing organizations to optimize their storage infrastructure across diverse environments while maintaining centralized control and visibility.

9. **Automated Operations**
    VSP One provides Ansible playbooks for automating deployments across various environments, streamlining management and enhancing operational efficiency. Additionally, the platform's integration with Clearsight enhances visibility and analytics, enabling proactive monitoring and optimization of storage resources to further improve operational performance.

10. **Guaranteed Data Availability**
    VSP One guarantees 100% data availability across its solutions, leveraging over 20 years of proven VSP reliability to ensure uninterrupted access to critical data. The platform focuses on data availability and adaptive workload management, backed by Hitachi's long-standing reputation for reliable storage solutions.

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