Use Case Whitepaper
Data protection for PRIMEFLEX for VMware vSAN with Veritas NetBackup

FUJITSU | VERITAS

Business benefits of Veritas software for backup in hyper-converged infrastructures

Data protection in hyper-converged infrastructures is often challenging because the focus is usually on data replication rather than traditional backup and recovery. Backup copies are often stored on the same platform without sufficient lifecycle management, which can lead to potential data loss due to corruption, deletion, or disaster.

PRIMEFLEX for VMware vSAN and Veritas NetBackup Software

PRIMEFLEX for VMware vSAN combines benchmark leading Fujitsu PRIMERGY standard x86 servers and VMware vSAN software with standardized implementation and infrastructure support services providing faster time to production and an improved lifecycle experience.

The market-leading Veritas Software NetBackup leverages deep integration into hyper-converged infrastructures and supports all major hypervisors including Microsoft's Hyper-V and VMware's vSphere. The software helps streamline management of hyper-converged platforms with a policy-based approach to optimize VM resource utilization and to ensure that no VM will ever be at risk, even if disaster strikes.

With Integrated System PRIMEFLEX and NetBackup, Fujitsu provides convincing solutions to the complex challenges of hyper-converged systems and data protection such as performance, availability, security, flexibility, and efficiency.

Simple, smart, scalable, fast, and pre-tested solution: PRIMEFLEX for VMware vSAN with Veritas NetBackup

Sustainable added value for business

Digital Business Continuity

- Heightened resilience to ransomware ensures that your business-critical data is protected and secure against cyberattacks
- NetBackup Intelligent Load Balancing eliminates manual errors to support continuity of operation and disaster recovery
- Advanced automation minimizes manual failures and data loss

Digital Business Efficiency

- NetBackup Accelerator and agentless backup and recovery eliminates time-consuming VM backups; 100x faster backup and recovery based on user experience
- With NetBackup Instant Access, administrators get instant access to critical applications, which means greater business agility
- Simple, secure, and intuitive web management frees up administration cost and efforts

Digital Business Growth

- Built-in deduplication with a dedupe ratio up to 98% lowers data volume, improves resource usage, and reduces overall costs
- Backup to cloud or tape enables more efficient management of annual data growth
- Consolidates critical VM protection, compliance, and discovery operations in unified hyper-converged solutions

Explore business cases and business values

Business Value	Business Cases						
	Data explosion	Backup inefficiency	Data lifecycle	Restore efficiency	Backup skills	Point solutions	Load balancing
NetBackup can help reduce backup times dramatically with Accelerator for VMware	💎					💎	
NetBackup can help administrators to granularly decide what needs to be backed up for VMware with disks excluded from backup	💎	💎				💎	
NetBackup offers intelligent Policies to automatically backup important data for VMware			💎				
NetBackup can help restore VMs in minutes instead of hours by offering instant recovery technology for VMware				💎	💎		
NetBackup offers full vCenter integration via plugin for vSphere HTML-5 to move VM restore responsibility to VMware team					💎		
NetBackup allows administrators to define dynamic resource limits for VMware-related backups							💎

Data explosion – shrinking backup windows: Businesses are facing constantly growing amounts of data that require backup, while their time windows for doing so remain the same or shrink due to extended business hours.

Backup inefficiency: Backing up data twice or unrestorable business data is a waste of time, resources, and money.

Data lifecycle: Inadvertent failure to back up important data may put the business at risk.

Restore efficiency: Restore time matters a lot when dealing with failed business application servers.

Backup skills: Changing of responsibilities – while having a company-wide backup solution, many organizations are requesting that the

responsibility of restoring virtual machines be with their VMware team, instead of with their Backup & Restore team.

Point solutions: A dedicated backup network works well to keep backup data separated from productive data but leads to additional costs for infrastructure components. Therefore, smart backup solutions are required, which neither sacrifice productive server performance nor lead to increased costs.

Load balancing: VMware environments may suffer from heavy backup-related tasks, which leads to bad user experiences and slow response times. This calls for intelligent solutions that simultaneously balance backup and response time requirements.

Useful links

Technical whitepaper: Data Protection for PRIMEFLEX with Veritas NetBackup

Internet: PRIMEFLEX for VMware vSAN / Veritas NetBackup Software

Contact

Fujitsu

Email: veritas@fujitsu.com

Website: https://www.fujitsu.com/dataprotection

2022-09-06 WW EN