

SOLUTION BRIEF

Complete Data Lifecycle Management from Veritas and Infinidat

Today's businesses manage vast amounts of data. Throughout the data lifecycle, applications and services are required to deliver optimal performance, while enabling ease of management and seamless scaling. Likewise, storage systems are required to deliver the first layer of data protection, enabling fast and easy recovery, while providing effective protection against ever-growing threats.

Making matters more complex, as the data lifecycle progresses to backup and archive, organizations must also develop an efficient modern data protection scheme that keeps costs down, while providing long-term retention of data and high levels of protection against cyberattacks.

Together, Veritas and Infinidat meet these challenges head-on.

Industry Leading Storage Solutions

Infinidat is a provider of industry-leading storage solutions that deliver an automated and autonomous set it and forget it experience at a substantially lower total cost of ownership.

The InfiniBox® enterprise storage system delivers groundbreaking performance, multi-petabyte scalability, and 100% availability for a broad range of mixed application workloads, and InfiniBox™ SSA consistently delivers outstanding real-world application performance for the most extreme workloads — those that require ultra-low, microsecond latency for every I/O. Both systems guarantee 100% availability. Additionally, both InfiniBox and InfiniBox SSA include features that are incredibly easy to integrate with existing systems and management tools.

To address data protection requirements, InfiniBox provides zero-overhead snapshots which include options for immutable copies that cannot be modified until administratively defined points in time. Advanced replication services extend the power of snapshots to protect and recover data. InfiniBox enables synchronous or asynchronous replication that provides the lowest overhead and fastest RPO, active-active replication that can assure the lowest RPO and RTO, and multi-site capabilities to extend active-active replication even further. Each of these options is provided at no additional cost to customers.

Infinidat also provides InfiniGuard®, a modern data protection, disaster recovery, business continuity, and cyber resilience solution. InfiniGuard is based on the InfiniBox software-defined storage architecture, a proven foundation of performance and reliability, while adding integrated backup and restore capabilities with deduplication and compression for up to 50 petabytes* per system at industry-leading backup and recovery speeds. InfiniGuard enables not only predictable RPO (Recovery Point Objectives), but the fastest RTO (Recovery Time Objectives) enabling businesses to restore critical operations when they are needed most.

Best-of-Breed Integrated Solutions

When Veritas NetBackup, NetBackup Snapshot Manager, and NetBackup Resiliency Platform are deployed with Infinidat primary and secondary storage solutions, companies benefit from the fastest, most reliable, and comprehensive data management solutions at the lowest possible cost for petabyte-scale.

Industry-Leading Backup, Recovery, and Information Management Solutions

Veritas enables organizations to harness the power of their information with solutions designed to serve the world's largest and most complex heterogeneous environments:

- ▶ **With Veritas NetBackup™**, the market leader in enterprise data protection and recovery, enterprise backup orchestration is made simple and scalable to protect your open systems and virtual machines with industry-leading resiliency.
- ▶ **NetBackup Snapshot Manager** is an integrated data center and cloud-native NetBackup Service that offers lightweight, software-based architecture serving consistent snapshot-based backups for SAN/NAS storage based workloads in an extensive range of data center and cloud structures and storage systems.
- ▶ **NetBackup Resiliency Platform** offers full and customizable disaster recovery capabilities and migration automation with service validation in simple software and a single pane of glass that spans services both on-premises and off-premises.
- ▶ **Veritas InfoScale™** simplifies the path to consistency and availability for both data and applications across heterogeneous datacenter environments that include Infinidat InfiniBox and InfiniGuard products.

By incorporating Veritas InfoScale, businesses can extend the highly available InfiniBox storage to the host and applications, enabling a truly redundant, highly available system design that provides business continuity to critical applications. Optionally, the market-leading InfoScale Availability, integrated with InfiniBox Active-Active replication, enables users to create geo-stretched application clusters that facilitate 100% uptime all the way through the application stack, building on Infinidat's general 100% storage availability guarantee.

Further, the integration of InfiniBox storage with NetBackup Snapshot Manager, allows for the scheduled creation, management, and expiration of storage-level application-aware snapshots, that can be used for running backups to external media and cloud services, offloading the backup overhead from production servers and applications. This entire cycle of data protection, from snapshots to long-term backups can be managed centrally through NetBackup Storage Lifecycle Policy (SLP).

InfiniGuard is fully certified by Veritas as an OST (OpenStorage Technology) backup target, delivering inline, variable block size deduplication efficiency and tight protocol integration to NetBackup, all without sacrificing performance, resilience, or availability. InfiniGuard fully supports NetBackup Accelerator, significantly reducing backup windows and network utilization by running deduplication on the media agents and within the application servers.

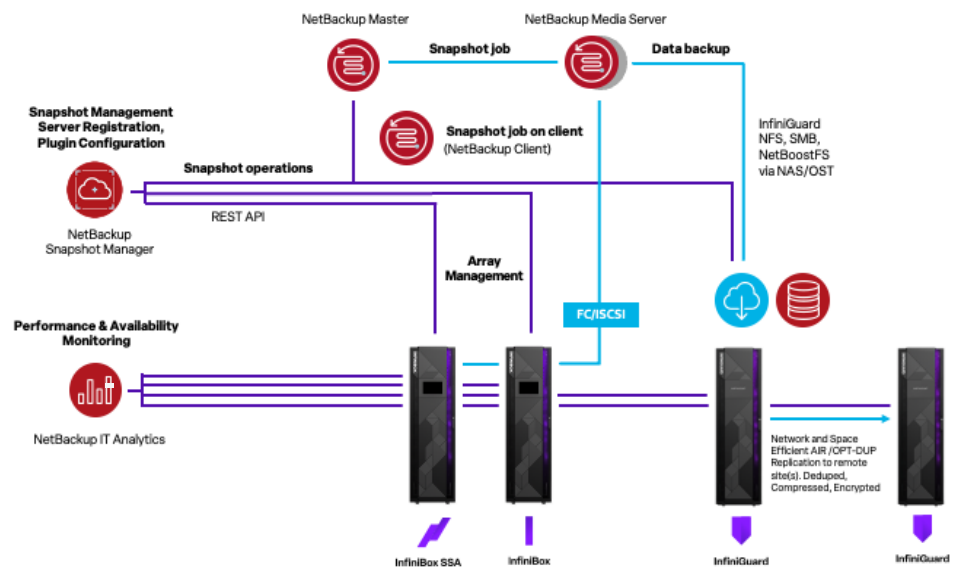
The native deduplication-aware storage replication capabilities of InfiniGuard are integrated to be controlled by NetBackup Optimized Deduplication (Opt-Dup) and Auto Image Replication (AIR) while being managed by NetBackup Storage Lifecycle Policy to create catalog-aware remote backup copies.

Completing the picture are InfiniGuard's InfiniSafe® cyber resilience technologies which enable businesses to put cybercriminals on the defensive and recover data quickly in the event of a ransomware attack.

InfiniSafe brings together four foundational requirements for enabling a comprehensive cyber recovery capability: immutable snapshots, logical air-gapped protection, a fenced forensic environment, and near-instantaneous recovery of any size backup repository. These technologies are included with InfiniGuard at no additional charge.

When Veritas NetBackup, NetBackup Snapshot Manager, and NetBackup Resiliency Platform are deployed with Infinidat primary and secondary storage solutions, **companies benefit from the fastest, most reliable, and comprehensive data management solutions at the lowest possible cost for petabyte-scale.**

Together, Infinidat and Veritas enable complete data lifecycle management from application availability through snapshots and long-term backup, all the way to remote offsite backup copies and archiving. When coupled with InfiniBox and InfiniGuard immutable snapshots, secure point-in-time copies of mission-critical data can be maintained, providing near-instantaneous recovery.



Maximizing Business Value

Infinidat technologies enable a unique approach to data management by providing unmatched performance, availability, and elasticity. When coupled with NetBackup Resiliency Platform, NetBackup, and NetBackup Snapshot Manager, these joint solutions enable end-to-end lifecycle data management that allows single-pane-of-glass management, reduces management overhead, and significantly simplifies operations while reducing the total cost of ownership. Further, Infinidat's unique elastic pricing model allows for seamless growth as data capacity demand changes, providing both CapEx and OpEx pricing, or a mix of both.

The joint solutions enable complete data lifecycle management from application availability through snapshots and long-term backup, all the way to remote offsite backup copies and archiving. When coupled with InfiniBox and InfiniGuard immutable snapshots, secure point-in-time copies of mission-critical data can be maintained, providing near-instantaneous recovery. Both methods provide the same level of cyber resilience protection, effectively blocking any intruder attempting to encrypt, alter, or delete protected data. NetBackup orchestration allows businesses to centrally control the rapid recovery of multiple systems with ease, regardless of the complexity of their environment.

InfiniBox and InfiniGuard provide the ability to consolidate multiple use cases at petabyte-scale, leverage advanced data reduction algorithms, and simplify acquisition models, while Veritas's end-to-end data and application availability management capabilities, including the InfoScale platform, mitigate the need to procure multiple expensive management solutions from multiple vendors across multiple platforms. The combined solutions significantly lower the overall TCO for enterprise solutions.

Additionally, NetBackup Resiliency Platform allows for simple management, orchestration testing and monitoring for disaster recovery plans and, in conjunction with NetBackup SLP, streamline the management of IT operations in the datacenter, significantly reducing management overhead and operational cost. Coupled with Infinidat's simple CLI, API, and GUI interfaces, ease of management becomes the new standard and complexity a thing of the past.

The integration of best-of-breed products from two innovative, market-leading companies has set a new bar for large organizations to improve their resilience across the board while reducing cost and complexity.

Infinidat technologies enable a unique approach to data management by providing **unmatched performance, availability, and elasticity**. When coupled with NetBackup Resiliency Platform, NetBackup, and NetBackup Snapshot Manager, these joint solutions enable end-to-end lifecycle data management that allows **single-pane-of-glass management, reduces management overhead, and significantly simplifies operations while reducing the total cost of ownership**.

VERITAS™

About Veritas Technologies

Veritas Technologies enables organizations to harness the power of their information, with information management solutions serving the world's largest and most complex environments. Veritas works with organizations of all sizes, including 86 percent of global Fortune 500 companies, improving data availability and revealing insights to drive competitive advantage. www.veritas.com

* Effective capacities. Actual results may vary.

sales@infinidat.com | +1.855.900.4634

SB-VERITAS-230720-US | © Infinidat 2023

INFINIDAT