

Top Reasons Veritas NetBackup Beats Veeam

Veritas NetBackup™ 9 vs. Veeam 10.0

VERITAS™

SUMMARY

Industry Leadership & Innovation

Veritas is proud to be consistently recognized by industry analysts for its long history of enabling enterprises around the world to keep their businesses running and protect their data. In addition, Veritas is continually recognized for its technology innovation now and over its 30+ years of experience.

Ransomware Resiliency

Veritas NetBackup Appliances are powered by NetBackup software and coupled with powerful ransomware resiliency features that Veeam cannot match.

Flexible Deployment Options

NetBackup is available in a variety of consumption models that offer the deployment flexibility needed to match the unique and dynamic needs of your IT infrastructure.

Performance & Efficiency

NetBackup provides enterprise-level deduplication and performance without requiring any third-party applications or specific hardware.

Simple Scalability

NetBackup can scale from hundreds to thousands of virtual machines (VMs) without the use of multiple domains and deliver better performance while satisfying demanding recovery point objective (RPO) and recovery time objective (RTO) service-level agreements (SLAs).

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Industry Leadership & Innovation

Veritas continues to deliver 15 years of leadership in the Backup & Archiving space based on independent consultant reviews from leading industry analysts. Eighty-seven percent of Fortune Global 500 customers trust Veritas to consistently deliver high-value solutions. These solutions lower total cost of ownership (TCO), minimize administrative management and reduce complexity and configuration restrictions for their data center backup, recovery and cloud environments.

In addition, Veritas has been continually recognized for technology innovation for over 30 years. Our continued legacy of success includes the adoption of many innovative and new technologies before others in the market realize the value of these solutions. One example is a certified Docker container implementation to enable rapid next-generation virtualization adoption. This approach eliminates separate data protection servers, applications and storage and brings them into a simple, easy-to-manage system that can scale by implementing Veritas Flex Appliances. Also, by leveraging AI/ML with SaaS-based solutions that increase ROI built on more than three years of Veritas Auto Support Telemetry, you can predictively mitigate problems before they occur and reduce unplanned downtime with proactive monitoring.



Ransomware Resiliency

Just as your data needs to be available and protected, so does your backup infrastructure. NetBackup Appliances include built-in layers of security. NetBackup's hardened operating system is based on compliance with Security Technical Information Guide (STIG) rules provided by the U.S. Defense Information Systems Agency. NetBackup Appliances include IDS and IPS software that add additional layers of security and protect against exploits. Veeam backups have been shown to be prone to ransomware attack, increasing risk.



Deployment Options

Veeam is a software-only product limited to Windows operating systems. This limitation poses five key challenges : a complex deployment design, higher TCO for infrastructure requirements, security hardening of the infrastructure, patches and upgrades of Windows on multiple VMs and increasing complex scalability guidelines. NetBackup is available as software, virtual Appliances and highly scalable integrated Appliances, providing consumption choice and flexible deployment models, including a wide choice of operating systems. The Veritas Flex Appliance is an all-in-one, purpose-built, hyperconverged solution built on a Docker-certified, container-based deployment model that offers quicker time to value and push-button scalability. Containerized primary, media and client elements ensure your readiness for next-gen DevOps. With Veeam, you have to juggle .Net dependencies and external SQL server installs and maintenance, complicating the management and maintenance of your data protection environment. Veeam's lack of containerization creates hurdles for modern DevOps adoption.



All-Inclusive License Model

According to the recently launched instance licensing by Veeam, it would cost \$4.5 million over three years for an enterprise to protect 10,000 VMs, 50 physical servers, 1,000 workstations and 200 cloud VMs. That figure does not include storage or compute infrastructure costs. NetBackup Appliances are self-contained, so the cost is all-inclusive. As a NetBackup customer, you get the benefit of a complete Veritas-supported solution, as opposed to interacting with multiple vendors.



Performance & Efficiency

Veeam's deduplication ratio is 3:1 with compression and without a deduplication appliance. Veeam supports only fixed-length deduplication, and in many cases recommends a third-party deduplication appliance for global deduplication. Adding deduplication appliances can add considerable cost and complexity. NetBackup has true global, block-level, end-to-end fixed and variable deduplication. It is tuned for various types of workloads across virtual, physical and cloud environments, requiring less back-end storage while improving both backup and restore performance. Also, NetBackup CloudCatalyst and Auto Image Replication share fingerprinting cache with MSDP, thus replicating deduplicated data without any rehydration. Veeam replication is a separate job and does not use backup images for replication. The Veeam solution increases storage utilization, adding to TCO.



Automated Data Protection

NetBackup's intelligent policies let you simplify protection across ever-changing and growing virtual and database environments with "hands-off" capability by automating the discovery of assets needing protection and helping to ensure policy-based backups of all data. Integrated with the Veritas Resiliency Platform, NetBackup enables you to recover your business from a potential disaster in a single click. In contrast, Veeam Availability Orchestrator is focused only on VMware infrastructure and does not support any other hypervisors or storage-array replication, thus forcing you to rely on complex scripting or manual steps for disaster recovery (DR) orchestration. NetBackup CloudCatalyst provides seamless, automated cloud replication and DR for both your workloads and NetBackup infrastructure, thus reducing cost and management overhead. Veeam software depends on you to set up a separate SQL data replication and collection to ensure DR of Veeam components. Veritas Flex Appliances offer automated Active-Active high availability, ensuring business continuity. Veeam requires manual intervention for processes like failover of your physical backup servers, which can increase management complexity and risk to business continuity.



Insightful Data Protection

With more than 30 percent of most businesses data categorized as redundant, obsolete or trivial (ROT), insight into your data is key. As a unified data protection solution across all workloads, NetBackup goes beyond just backup and recovery by maintaining detailed knowledge about your data. That data comes to life via Veritas Information Studio data visualization, allowing you to quickly gain insight into areas of risk, value or waste. With Veritas, you can visualize and assess all your primary and backup data, which could be structured, semi-structured or unstructured and may reside on-premises or in cloud. Point backup and recovery solutions by Veeam are unsuited to support the next-generation requirements for advanced information insight and data management

COMPARISON TABLE

Feature	Veritas	Veeam
Layered security against ransomware	✓	X
Container-ready	✓	X
Scalability without complexity	✓	X
All-inclusive license model	✓	X
Source-optimized deduplication with built-in global dedupe	✓	X
Automated hands-off data protection	✓	X
Complete data visibility	✓	X
Predictable availability	✓	X
Agentless, modern, next-gen workload protection	✓	X

ABOUT VERITAS

Veritas Technologies is a global leader in data protection and availability. Over 50,000 enterprises—including 87 percent of the Fortune Global 500—rely on us to abstract IT complexity and simplify data management. The Veritas Enterprise Data Services Platform automates the protection and orchestrates the recovery of data everywhere it lives, ensures 24/7 availability of business-critical applications, and provides enterprises with the insights they need to comply with evolving data regulations. With a reputation for reliability at scale and a deployment model to fit any need, Veritas Enterprise Data Services Platform supports more than 800 different data sources, over 100 different operating systems, more than 1,400 storage targets, and more than 60 different cloud platforms. Learn more at www.veritas.com. Follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

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