

Top Reasons Veritas NetBackup Beats Commvault

Veritas NetBackup 9.1 vs. Commvault 11.23

Summary

Industry Leadership

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.

Ransomware Resiliency

Veritas Flex Appliances, powered by Veritas NetBackup™ software and featuring integrated container technology, offer powerful ransomware protection and resiliency features unmatched by Commvault.

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 enterprise IT infrastructures.

Scalability, Performance & Flexibility

NetBackup maximizes scalability and performance throughout its solution portfolio, enabling enterprises to run millions of jobs per day in single deployment without requiring additional architectural components. This ability is key for large data centers that can include tens of thousands of virtual machines (VMs) or more.

Recovery Use Cases

NetBackup gives enterprises the ability to protect business-critical VMs with both backup and replication policies at the same time, providing powerful recovery choices for these VMs should a recovery event become necessary.



Industry Leadership

Veritas ranked #1 among named vendors in Integrated Purpose-built Backup Appliances market share revenue worldwide in CY2020. Veritas continues to enjoy a strong presence worldwide in the upper-end midmarket and large enterprise environments and has been consistently recognized as a leader by industry analysts for over a decade.

Veritas data protection spans 80,000+ enterprise customers, 87 percent of Fortune Global 500 companies and 10 out of 10 of the leading commercial banks, financial data services firms and telecoms. Veritas is proud to be recognized for its long history of enabling enterprises around the world to keep their businesses running and protect their data.



Ransomware Resiliency

Veritas Flex Appliances, powered by NetBackup and featuring integrated container technology, include powerful ransomware protection and resiliency features unmatched by Commvault.

Some of these important ransomware security features include advanced hardware security that mitigates bad actors' ability to bypass data hardening safeguards, integrated immutable storage implemented using container technology and a secure software operating environment without requirements for or dependencies on Windows components.



Deployment Options

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

Deployment options for NetBackup include a classic build-your-own software solution, a virtual Appliance with multiple editions, fully integrated and purpose-built Appliances with factory-tuned performance out of the box, Flex Appliances that leverage container virtualization technology to accelerate deployment and simplify administration and a hyperconverged, software-defined, scale-out Appliance configuration.

Commvault's lack of parity between software and appliance capabilities limits your choice of deployment.



Recovery Use Cases

NetBackup gives customers the ability to protect business-critical VMs and their associated workloads with backup policies, replication policies or both at the same time. The combination of these protection technologies offers powerful recovery choices for these VMs should a recovery event become necessary.

Commvault does not support protecting VMs with both backup and replication policies at the same time.



Scalability, Performance & Flexibility

In large multi-petabyte data centers, NetBackup deploys a wide range of capabilities to maximize performance. With NetBackup, you can run millions of jobs per day in single deployment. This level of scalability is a key requirement for large data center environments that can include tens of thousands of VMs or more.

In addition, the NetBackup Parallel Streaming Framework tackles the challenge of multi-node, scale-out systems common in modern workloads by utilizing an agentless, plug-in architecture that streams data from multiple nodes simultaneously.

With the Commvault Data Platform, protecting some multi-node, scale-out systems requires you to install agents on all nodes of the system, which can complicate maintenance and upgrades. With the documented configuration limitations of 20,000 servers and 50,000 laptops per Commcell environment and a 5,000-server max default, you will also reach scalability limits more quickly.

For VMware environments, Commvault requires additional components known as Virtual Server Agents (VSAs) or VSA Proxies. High enterprise-class, multi-petabyte environments protected by Commvault Complete or Commvault HyperScale X Appliances may need up to hundreds of such VSA Proxies, which would add operational overhead and potentially impact scalability and performance. NetBackup solutions—including NetBackup Appliances, Flex Appliances and Flex Scale Appliances—require no such additional components when protecting VMware environments.



Secure Appliance Solutions

NetBackup Appliances come with built-in Intrusion Detection and Intrusion Protection (IDS / IPS) software to help prevent malicious attacks. NetBackup also includes support for the Virtual Trusted Platform Module (vTPM) in VMware environments, providing enhanced security for government data center installations.

Although Commvault allows you to install antivirus or third-party monitoring tools on a VM hosting the CommServe server, installing antivirus and/or third-party monitoring tools on physical HyperScale nodes is not supported and will void warranty.

NetBackup Appliances do not have external license dependencies, such as Windows Server 2016, which can represent a potential security challenge and significant operational overhead for IT professionals.



Proactive Support for Continuous Availability

NetBackup Appliances include Veritas Predictive Insights, a SaaS-based platform implementing artificial intelligence (AI) with machine learning (ML) and leveraging telemetry data from thousands of customers.

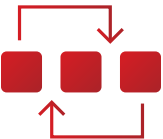
Predictive Insights proactively uses support services that dramatically improve operational efficiency and help reduce unplanned maintenance and downtime. Although Commvault has AI / ML capabilities, the scope for analysis is limited to a single customer, making these capabilities significantly less extensive than Predictive Insights.



Resiliency & Predictable Availability

Customers require the predictability and assurance of meeting defined recovery point objectives (RPOs), recovery time objectives (RTOs) and service-level agreements (SLAs). Veritas Resiliency Platform features a built-in VMware-certified data mover that helps you maintain critical application business uptime while delivering predictable disaster recovery (DR), data protection, recovery testing and workload migration across physical, virtual and cloud environments. Resiliency Platform integrates with NetBackup software's Auto Image Replication technology to help ensure continuous access to backups and support multi-VM group dependency, offering enhanced automated DR orchestration for complex, multi-tier environments.

Commvault does not support multi-VM failover within groups; only for VMs within a failover group.



Richer Data, Infrastructure & Content Classification

With increasing amounts of businesses data categorized as redundant, obsolete or trivial (ROT), data visibility is key for cost containment.

As a unified data protection solution across all workloads, NetBackup provides solutions for detailed knowledge about all your data and data sources. That data comes to life via Veritas Data Insight, which quickly identifies areas of risk, value or waste, and APTARE™ IT Analytics. Data visualization of both primary and backup data sources could be structured, semi-structured or unstructured and may reside on-premises or in the cloud.

With growing privacy regulations across the world, identifying sensitive information with data classification tools has become critical for global enterprises. The Veritas Classification Engine integrated into Veritas Enterprise Vault™ and Data Insight offers 150+ built-in policies and 950 built-in patterns covering 40+ countries. An intuitive user interface lets you define new custom patterns and test files against those immediately.

Commvault is limited in global coverage and scope, as evidenced by its complicating compliance staff content classification challenges that are limited to less than 100 patterns and covers scarcely half the countries Veritas covers.



Comparison Table

Feature	Veritas	Commvault
Container-ready workload deployment	✓	×
Agentless, modern, next-gen workload protection and PSF support	✓	×
Appliance with feature parity with software form-factor and complete data management	✓	×
Automated business continuity for multi-tier, complex environments	✓	×
Predictable availability	✓	×
MS SQL PIT Instant Access recovery	✓	×
AWS Glacier direct deduplication support*	✓	×
Host IPS/IDS built-in security hardening	✓	×
SaaS-based ML/AI proactive maintenance	✓	×
Simultaneous restore to multiple locations	✓	×
eDiscovery solution: audio and video support without transcription	✓	×
BYO, scale-up, scale-out, virtual Appliance and Flex Appliance	✓	×
NSX Transport support for VMware replication	✓	×
Protect VMs with backup and replication together (multi-SLO)	✓	×
Replicated VMs use AWS IMDSv2	✓	×
Rollback recovery of VMs (Instant Sync)	✓	×

*NetBackup Direct backup to Cloud Catalyst & Accelerator option not supported for Amazon S3 Glacier or Deep Archive storage class. Backup to an MSDP with Accelerator and with optimized duplication to Cloud Catalyst is supported.

About Veritas

Veritas Technologies is a global leader in data protection and availability. Over 80,000 customers—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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