

Top Reasons Veritas NetBackup™ Beats Commvault

VERITAS™

The Veritas NetBackup™ solutions portfolio provides unified protection for critical business data wherever it lives: virtualized infrastructures, classic physical servers and multicloud environments—core, edge, cloud.



Virtual



Physical



Multicloud



INDUSTRY LEADERSHIP

According to IDC¹, Veritas ranked #1 among named vendors in Integrated Purpose-built Backup Appliances market share revenue worldwide in CY2019.



MORE DEPLOYMENT OPTIONS

NetBackup is available in a variety of consumption models that give you deployment flexibility. It is available as a classic build-your-own software solution, as a virtual appliance, as a fully integrated and purpose-built appliance with factory-tuned performance out of the box, or as a Veritas Flex Appliance – an innovative appliance platform that leverages container virtualization technology accelerating administrative deployment flexibility and speed. Commvault's lack of parity between software and appliance capabilities limit your choice of deployment.²



SCALABILITY, PERFORMANCE, FLEXIBILITY

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

In addition, the NetBackup Parallel Streaming Framework tackles the challenges of multi-node, scale-out systems, common in modern workloads by using 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 agents to be installed on all nodes of the system which can complicate maintenance and upgrades.² Additionally, with the documented configuration limitations of 20,000 servers, 50,000 laptops per Commcell environment and 5,000 servers max default,² scalability limits are reached more quickly.

It's also important to note the continued data protection advantages of scale-up architectures. According to ESG⁵: *"In general the emerging DP vendors that have scale-out architectures have some advantages being HCI-like. However, scale-up architectures with mature deduplication technology also have advantages in backup performance speed and in simultaneous backup and instant restore speed for large virtual environments. Deduplication at the source enhances performance advantages for these scale-up architectures."* In other words, scale-out is not a silver bullet to all DP challenges.

Commvault's appliance is also limited to scaling in 3-node bundles, limiting flexibility for scaling granular deployments² and restricting customer choice to only one of many offered deduplication implementations. Veritas NetBackup allows source and target side deduplication to be used simultaneously.



EASY MANAGEMENT WITH CURRENT CERTIFICATIONS

NetBackup has a policy-based Web UI, familiar plug-ins and a robust API library for custom integration and management. For RHEV and Nutanix, Commvault requires proxies that can further increase management complexity where NetBackup only requires a temporary data store that attaches to VMs for restore.² Although Commvault has a Web UI and API support, their support management is limited to using only a Windows-based CommCell Server.²



SECURE APPLIANCE SOLUTIONS

NetBackup Appliances come with built-in Intrusion Detection and Intrusion Protection (IDS/IPS) software to help prevent malicious attacks. NetBackup v8.3 release also introduces support for vTPM (Virtual Trusted Platform Module) in VMware environments providing enhanced security for government data center installations.

While Commvault allows installing anti-virus 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.²

NetBackup Appliances do not have external license dependencies such as Windows Server 2016 that can represent a 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) that leverages telemetry data from thousands of customers. This data combined with Veritas user support services provides customers improved operational efficiency, reduced unplanned maintenance and downtime over other solutions that lack rich telemetry data. Although Commvault has AI/ML capabilities, the scope for analysis is limited to a single customer,² making Commvault's AI/ML capabilities less extensive than Veritas Predictive Insights.



RESILIENCY, PREDICTABLE AVAILABILITY

Customers require the predictability and assurance of meeting defined RPOs, RTOs, and SLAs. Veritas Resiliency Platform (VRP), featuring a built-in VMware-certified data mover, helps customers maintain critical application business uptime while delivering predictable disaster recovery, data protection, recovery testing and workload migration across physical, virtual, and cloud environments. VRP integrates with NetBackup software's Auto Image Replication technology which ensures continuous access to backups. It also supports multi-VM group dependency, offering enhanced automated disaster recovery orchestration for complex, multi-tier environments. Commvault does not support multi-VM failover within groups; only for VMs within a failover group.²



RICHER DATA, INFRASTRUCTURE, CONTENT CLASSIFICATION

With increasing amounts of businesses data categorized as redundant, obsolete or trivial, data visibility is key for cost containment. As a unified data protection solution across all workloads, Veritas NetBackup provides solutions for detailed knowledge about all your data and data sources. Veritas Data Insight quickly identifies areas of risk, value or waste, and APTARE™ provides infrastructure analytics. Data visualization for primary data sources is available for structured, semi-structured or unstructured data and that data 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 classification engine integrated into Veritas Enterprise Vault™ and Data Insight offers 120+ built-in policies and 720+ built-in patterns covering 37 countries. An intuitive user interface provides the ability for defining new custom patterns and the ability to test files against those instantaneously. Commvault is limited in global coverage and scope, as evidenced by its complicating compliance, staff content classification challenges being limited to 57 patterns and 17 countries.²

Other feature advantages NetBackup 8.3 provides over Commvault v11 Feature Release 19 include the following:

| NetBackup 8.3 and Commvault v11 Feature Release 19 | VERITAS | COMMAULT |
|--|---------|----------|
| Container ready workload deployment | ✓ | X |
| Agentless, modern, next-gen workload protection and PSF support | ✓ | X |
| Appliance with feature parity with software form factor & complete data management | ✓ | X |
| Automated business continuity for multi-tier complex environment | ✓ | X |
| Predictable availability | ✓ | X |
| MS SQL PIT instant access recovery | ✓ | X |
| Star Energy efficiency rated ³ | ✓ | X |
| AWS Glacier Direct De-Dup Support ⁶ | ✓ | X |
| Host PS/IDS built-in security hardening | ✓ | X |
| Requires minimum 3 nodes to upgrade appliance | ✓ | X |
| SaaS based ML/AI proactive maintenance | ✓ | X |
| Simultaneous restore to multiple locations | ✓ | X |
| eDiscovery solution: Audio and video support without transcription | ✓ | X |

1. IDC Quarterly Purpose-Built Backup Appliance Tracker 2019 Q4, March 2020
2. Commvault references: <https://documentation.commvault.com/commvault/>
3. Energy Star Ratings: <https://www.energystar.gov/productfinder/product/certified-data-center-storage/details/2250083>
4. Databerg report: https://www.veritas.com/content/dam/Veritas/docs/reports/veritas-strike-global-report_a4-sdc2.pdf
5. ESG Modern Data Protection Architecture Challenges presentation on Oct 4, 2018
6. Backup to an MSDP with Accelerator and optimized deduplication to Cloud Catalyst is supported on NetBackup.

ABOUT VERITAS

Veritas Technologies is a global leader in data protection and availability. Over 50,000 enterprises—including 99 of the Fortune 100—rely on us to abstract IT complexity and simplify data management. 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 supports more than 500 data sources and over 150 storage targets, including 60 clouds. Learn more at www.veritas.com. Follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

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