

Digital Revolution is Driving Data Growth

OVERVIEW

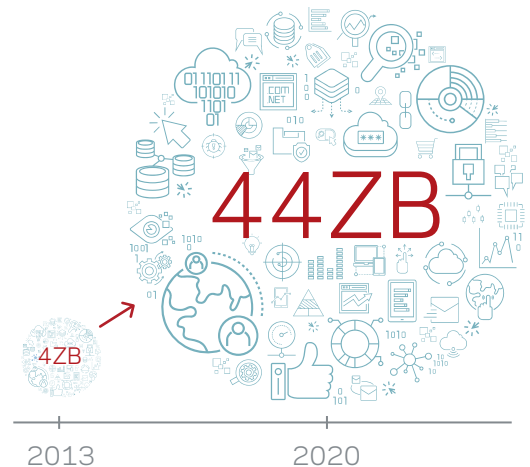
In today's 'always on' digital era, data will exponentially grow from 4ZB in 2013 to 44ZB by the year 2020, IDC 2014. The impact of this data-driven world has compelled enterprises to think of data as a critical asset. It's necessary to determine how to access, backup, recover, and protect data wherever it resides and whenever it is needed. However, the complexity of this data explosion makes it difficult to address portability requirements.

Enterprises have a variety of fragmented platforms, storage, backup solutions, and infrastructure. According to a leading analyst firm many companies have an average of four different backup systems deployed in their environment¹ at the same time. Deployment and maintenance of backup platforms in remote or branch offices often pose unique challenges beginning with the excessive cost to ship, power and cool equipment. Once the systems arrive onsite, then IT staff must install and maintain the technology.

Data backup and recovery from fragmented platforms is a major undertaking that many organizations are not prepared to handle. Incompatible multiple point products create operational and technology inefficiencies and negatively impact your current infrastructure investment. The lack of standardized processes results in delays in moving data across the Internet in a timely fashion. Manual efforts to protect and recover unencrypted data fall short and often result in unmet regulatory compliance mandates like PCI, HIPPA and GPRD.

Organizations that have unique requirements for virtual environments at the edge of the infrastructure, large distributed organizations with a core data center and multiple stores spread across geographical locations, or remote locations, face difficult challenges including:

- Slow backup and recovery speeds
- Extra storage costs
- Limited capacity
- Cost of maintaining onsite IT staff, shipping, floor space and cooling costs
- Existing virtual infrastructure with low appetite for new hardware infrastructure



SCALABLE CAPACITY. HIGH PERFORMANCE. BETTER RESILIENCY

Veritas NetBackup™ Virtual Appliance addresses aggressive backup and recovery objectives of virtual environments with either an all-in-one master/media server for remote offices or an integrated media server for the data center. The appliance provides built-in client and target storage deduplication for better storage efficiencies with scalable capacity ranging from .5 to 250 TB of storage, high capacity and resiliency with unique capabilities:

MAXIMIZE DEPLOYMENT SIMPLICITY

Simplify deployment and backup of data in remote locations or distributed environments with an all-in-one virtual appliance that combines software, server, networking in one converged platform with centralized management decreased bandwidth utilization up to 99%. Unlike complex custom-made backup servers, NetBackup Virtual Appliance is easy to deploy, manage, secure and upgrade. Easy installation with a speedy download on a VMware ESX server that is optimized for data protection. Dedupe the data the source for your servers and mission critical applications.

MINIMIZE CAPEX INVESTMENT

Protect your current investment with Veritas NetBackup Virtual Appliance, which fits into existing VMware virtual environments. Simplified data protection bundled in a single stack without the need for extra infrastructure purchases. Eliminate deployment, space and cooling costs in remote locations with fewer components. Expand capacity as you need it with a virtual appliance with that scales from .5 TB – 250 TB.

SECURE, AUTOMATED DATA PROTECTION

A built-in, unified data protection system provides visibility and control of unencrypted data and prevents malicious threats of organizational risks, while ensuring that you meet regulatory mandates. Stay on track with automated monitoring of the environment. Keep systems healthy with a hassle-free approach to predictable patch management by deploying volume manager, OS, and VX in a single, automated template. Manage multiple all of your appliances from a single upgrade.

USE CASES

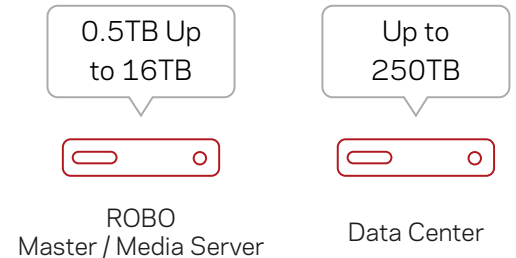
NetBackup Virtual Appliance is a software appliance that uses the same appliance product stack as the popular physical NetBackup appliances, which are shipped on hardware and provide storage capacity options. NetBackup Virtual Appliance is a complete backup solution, which comes pre-installed and tuned for optimal performance. This appliance uses the same VxOS and a similar command line (CLI) interface as the NetBackup physical appliance , and leverages the NetBackup GUI for performing backup operations.

FOR REMOTE AND BRANCH OFFICES

Veritas NetBackup Virtual Appliance for remote offices helps customers reduce data center footprint and simplify data protection in remote locations with an integrated virtual appliance. The easy to deploy and easy to power-up virtual appliance centralizes and secures data backup between locations, and eliminates the need for additional remote IT staff. Built-in deduplication features provide cost-effective and fast backup. Backups can be replicated to other locations or the primary data center using NetBackup AIR replication. With a unified data protection approach, your organization will have visibility and control of unencrypted data to identify areas of risk and help ensure that you are meeting regulatory mandates.

FOR DATA CENTERS

NetBackup Virtual Appliance for data center is an easy to deploy optimized backup solution designed for single data center protection, data center to data center protection or converged infrastructures. As an integrated media server with storage, it delivers high performance, scalable capacity, and resiliency to address data center backup requirements in virtual environments. Leveraging NetBackup software, the virtual appliance provides deduplication to reduce network bandwidth and storage capacity requirements. NetBackup virtual appliances deliver data protection to sites without the need for physical hardware and at a lower TCO.



PROTECT YOUR DATA WITH AN ENTERPRISE DATA MANAGEMENT APPROACH

Organizations today need to manage their data as a critical asset with solutions that reliably protect the right data, help ensure resiliency and on-demand access from anywhere, and reduce the risks and costs of storing their ever-increasing amounts of data throughout the globe. The 'always on' nature of digital business also demands the removal of the artificial barriers between these frequently siloed capabilities to reduce complexity, streamline operations, and benefit from synergies that otherwise are not achievable.

To help address these challenges, Veritas™ offers a complete portfolio of NetBackup appliances that protects backup and recovery of data wherever it resides, even in difficult to reach remote offices. Veritas NetBackup Virtual Appliance provides simplified data protection that helps enterprises improve efficiencies and cost-effectively manage backup solutions in virtual environments at the edge of the infrastructure, large distributed organizations with a core data center and multiple stores spread across geographical locations, or remote locations at various geographical locations. By integrating disparate components into a single stack, Veritas NetBackup Virtual Appliance can simplify your data protection, making it easy for you to maximize resource utilization for better business results.

ABOUT VERITAS TECHNOLOGIES LLC

Veritas Technologies empowers businesses of all sizes to discover the truth in information—their most important digital asset. Using the Veritas platform, customers can accelerate their digital transformation and solve pressing IT and business challenges including multi-cloud data management, data protection, storage optimization, compliance readiness and workload portability—with no cloud vendor lock-in. Eighty-six percent of Fortune 500 companies rely on Veritas today to reveal data insights that drive competitive advantage. Learn more at www.veritas.com or follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

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