

Fully integrated backup

Veritas NetBackup Appliances



COMPLETE BACKUP – WITH NO COMPROMISES

Over the past 10 years more and more enterprises have been deploying Veritas NetBackup, making it the most popular enterprise backup software in terms of market share. Business enterprises around the world put their trust in this proven and award-winning software because it is the only integrated solution that enables them to deploy automated, standardized and scalable data backup across applications, platforms and virtual environments.

Veritas NetBackup appliances deliver considerable added value based on very easy provisioning and management of NetBackup software, not to mention complete, cross-platform options for consolidation and optimization of backup and disaster recovery. Veritas NetBackup appliances support efficient, storage-optimized data backup for data centers, remote field offices and virtual environments. They minimize the time and work needed for installation, configuration and administration of the hardware and software components in backup and disaster recovery environments. What's more, the turnkey and completely integrated solutions not only reduce operational costs, but also provide for high levels of reliability when deployed as infrastructures comprised of various types of component.

Fujitsu and Veritas

Fujitsu and Veritas have worked together successfully for more than 20 years. Both global strategic partners share the same philosophy: To offer customers future-proof solutions to meet the challenges posed by unbridled data growth. The top performance, seamless integration and high flexibility of the products and solutions provided by both partners make life much easier for their customers.

Fujitsu is your single source for the best technologies and solutions for ensuring optimal data management and protection – from backup software and storage systems to target-based appliances and integrated appliances. In combination with Veritas NetBackup appliances, which enhance the ETERNUS CS range, customers can choose solutions from the most comprehensive data protection portfolio in the industry.



READY TO RUN – FULLY INTEGRATED APPLIANCES

NetBackup appliances are integrated Purpose-built Backup Appliances (PBBAs). They provide for genuine end-to-end solutions with perfectly harmonized components, including seamlessly integrated software. That saves time and money while reducing hassles at the same time. NetBackup appliances dramatically simplify procurement, deployment and management to keep operating costs under control.

- Optimal backup with faster deployment time – setup takes less than 30 minutes!
- More reliability – there is no need to test and harmonize individual components, and there are fewer compatibility problems
- Efficient management resulting from automated monitoring of important appliance components and a familiar administration environment for existing NetBackup users



HUGE SAVINGS – DEDUPLICATION

NetBackup appliances represent a complete solution that supports consistent source and target deduplication. This makes it much easier for customers to realize their own tailor-made backup and deduplication strategies. And that's not all: NetBackup appliances offer much better scalability as opposed to non-integrated solutions.

- Efficient deduplication – flexible scalability ranging from 4 TB to 687 TB supports the formation of larger pools for deduplication
- Less work – there is no longer any need to maintain several different pools for deduplication
- Lower costs – intelligent and consistent deduplication reduces the backup volume by a factor of up to 50. And that lowers the cost of storage, floor space and energy.



PERFECT INTERACTION – APPLICATION-AWARE BACKUP

NetBackup appliances can be integrated in all infrastructure stack layers – this also applies to virtual environments as well as leading application and database platforms. NetBackup Co-Pilot for Oracle is also a unique solution in such instances. It enables database administrators to use Oracle tools like RMAN to maintain control over primary backup and recovery operations – at the same time, backup administrators can focus their attention on matters such as deduplication, replication and cataloging.

- Reduced loads for applications, networks and host systems
- Better collaboration – simpler coordination between database and backup administrators
- Faster backups and restoration of Oracle databases
- Less impact on production environments



FAST AND SIMPLE – REMOTE BACKUP

Backups from subsidiaries or offices in remote locations need to be simple, reliable and efficient. The latter is possible if backup data traffic via WAN (Wide Area Network) or the Internet is kept to a minimum. That is the only way to ensure the speed and efficiency of backups. NetBackup appliances combine the latest technologies to achieve this.

- Intelligent change entries and deduplication minimize backup data traffic
- WAN optimization increases speed – backups to main sites are up to 10 times faster
- Easy to manage – no IT specialists are required in subsidiaries



EXTREMELY SECURE – EMBEDDED CYBER SECURITY

The deployment of a completely integrated appliance also pays off when it comes to security. NetBackup appliances offer a hardened operating system with embedded intrusion detection. During a live hacking demonstration at the Black Hat Conference, this embedded cyber security technology proved to be rock solid by fending off more than 170,000 attacks.

- Integrated security to defeat digital intruders
- Reliable protection for sensitive data









WHICH APPLIANCE IS BEST FOR YOU?

Turnkey NetBackup appliances enable SMEs and large enterprises with many subsidiaries to build very effective and efficient backup and disaster recovery infrastructures.

NetBackup 5240 Appliance is extremely versatile – as master server, media server or both in one. The appliance is extremely scalable for deployment in environments of any size, including even corporate data centers. Excellent deduplication contributes to high efficiency, not to mention maximum design freedom thanks to many different deduplication options (source or target, inline or post process).

NetBackup 5330 Appliance is the integrated backup media server with storage that addresses demanding requirements in terms of performance, capacity and resilience. With high scalability up to 687 TB and throughput of up to 148 TB/hour, this appliance is the right choice for corporate environments, data centers and disaster recovery sites.

NetBackup Virtual Appliance is ideal for connecting remote offices with central backups. It is a simple and secure data backup solution that requires very little space. Energy and cooling costs are quite low. Efficiency is guaranteed because the network bandwidth required has been reduced by up to 99 percent, and there is no need for on-site IT personnel.

<p>Reliable PROTECTION for sensitive data</p> 	<p>Fully integrated appliances</p> 	<p>Reduces the backup volume by a factor of 50 up to</p> 
<p>WAN optimization Up to 10 times faster backups to main sites</p> 	<p>Perfect interaction – application-aware backup</p> 	<p>Fujitsu and Veritas partnership more than 20 years</p> 

Veritas NetBackup Appliances: model range

	NetBackup Virtual Appliance	NetBackup 5240	NetBackup 5330
Architecture	Master/Media Server for Remote Offices	Master and/or Media Server	Media Server with Storage
Storage capacity (usable)	2 TB	53 – 201 TB	229 – 687 TB
Memory	16 GB	128 GB	384 GB
Interfaces	1x10 GB virtual interface on deployment	Max. 8x 1-Gb Ethernet Ports Max. 8x 10-Gb Ethernet Ports Max. 10x 8-Gb Fibre Channel Ports	4x 1-Gb Ethernet Ports 2-10x 10-Gb Ethernet Ports Max. 8x 8-Gb Fibre Channel Ports
Parallel jobs		150+	500+



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