

REIMAGINE DATA PROTECTION

Imagine delivering backups like a service provider, with the flexibility and cost advantages of the cloud. Imagine instant backups and self-service restores. Now, imagine doing all this and saving up to 53% in backup infrastructure costs!¹

[Learn More](#)

Simplicity: How do you know your data is protected?

IBM can help you:

- See if your data is protected anytime, using any browser-based device
- Reduce complexity with a single platform for virtual, physical, application and cloud backups and snapshots
- Manage backups with your choice of Spectrum Protect™ Operations Center or VMware vSphere interface

IBM vs EMC Dell

- EMC recommends multiple products with multiple user interfaces for typical workloads, increasing administration complexity²
- EMC NetWorker software does not include deduplication³



“The Operations Center gives me an excellent status overview at a glance. Before, it would be virtually impossible to get the same overview of a TSM [Spectrum Protect] environment.”

— Roger Stakkestad, PEANUTS

Scalability: Are your backups keeping up with data growth?

IBM can help you:

- Protect up to 100 TB/day of changed data per backup server⁴
- Start small and grow to billions of objects with one backup server
- Backup 500 VMware images in as little as 7 minutes⁵

IBM vs Commvault

- 7 Commvault backup servers can be consolidated with 1 IBM Spectrum Protect server⁶
- Commvault Synthetic Full and DASH backups can't beat the efficiency of IBM Progressive Incremental backups⁷



“Today, we can manage backups for about 4,000 systems per technician. Other backup software would need twice as many people to support the same business.”

— Peter Nielsen CEO of cloud backup provider Front-safe

Savings: Are you wasting money on inefficient backups?

IBM can help you:

- Reduce space requirements using software features, rather than costly appliances
- Choose from cloud and on-premises backup storage
- Replicate data faster, over high latency or high loss networks⁸

IBM vs Veritas NetBackup

- 6 NetBackup 5230 appliances can be consolidated with one IBM Spectrum Protect server⁹
- NetBackup full, Accelerator or Synthetic Full backups are required regularly, which waste IT resources and may impact business applications



“[IBM Spectrum Protect capacity pricing] rewards operational environments that strive for greater storage efficiency.”

— John Webster, Evaluator Group

According to industry analyst, Gartner, 40% of organizations will augment with additional products or replace their current backup application by 2018.

Are you ready to modernize data protection?

See how the latest version of IBM Spectrum Protect improves backup administration, scalability and efficiency.

[Learn More](#)

1. Based on IBM assessments using Butterfly Software. Assessments include cumulative 36-month hardware, hardware maintenance and electrical power savings. Excludes one-time Spectrum Protect migration cost.
2. Avamar: Deduplication, Virtual environment, remote office <http://www.emc.com/backup-and-recovery/avamar/avamar.htm> ; NetWorker; Tape management, replication <http://www.emc.com/backup-and-recovery/networker/networker.htm>
3. Deduplication can be introduced in a NetWorker environment with EMC Data Domain[®] or Avamar client-only deduplication. http://www.emc.com/collateral/software/data-sheet/h3979-networker-dedupe-ds.pdf?_ga=1.17996479.76997168.1457445450
4. IBM internal testing.
5. IBM internal testing.
6. Based on CommVault sizing and configuration guidelines, compared to IBM, http://docs.commvault.com/commvault/v11/article?p=system_requirements/commcell_sizing/commserve.htm and http://docs.commvault.com/commvault/v11/article?p=system_requirements/commcell_sizing/ma_standard_mode.htm
7. http://documentation.commvault.com/commvault/v11/article?p=features/backup/syn_full.htm
8. IBM Spectrum Protect High Speed Data Transfer bypasses the standard TCP/IP protocol, and uses IBM patented Fast and Secure Protocol.
9. Veritas Netbackup 5230 is, "expandable up to 148 TB usable capacity". <https://www.veritas.com/content/dam/Veritas/docs/data-sheets/veritas-netbackup-5230-appliance-en.pdf>

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