

Reduce time to complete backups and restores with Transparent Snapshots with Dell PowerProtect Data Manager

Compared to a competitor solution, Transparent Snapshots Data Mover (TSDM) took less time to perform incremental backups and restore data from a backup on VMware VMs



How fast can your storage solution complete critical backup and restore tasks to avoid interruptions to end users? We compared Transparent Snapshots with Dell™ PowerProtect Data Manager to a solution from Vendor X using their management software and VMware® vStorage API for Data Protection with network block device (NBD) transport mode.

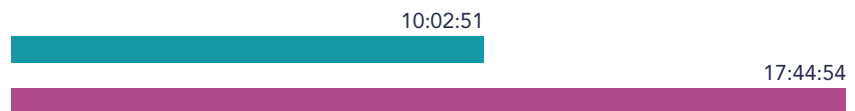
We found that Transparent Snapshots:

■ Dell PowerProtect Data Manager with TSDM ■ Vendor X with NBD

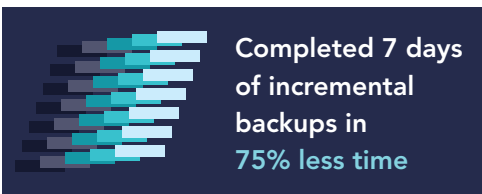


Time to back up 1,000 VMs

Time (hh:mm:ss) | Less time is better



On an initial ingest of 1,000 VMs of various sizes, Dell PowerProtect Data Manager with TSDM completed the backup within a single overnight backup window—while the Vendor X solution could not.



Time to complete seven days of incremental backups

Time (hh:mm:ss) | Less time is better



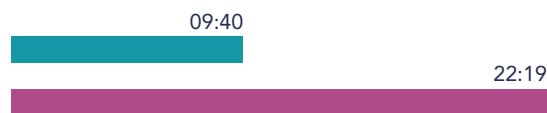
Incremental backups copy data that has changed since the last backup. Dell PowerProtect Data Manager with TSDM was substantially faster than the Vendor X solution—which reduces risk of downtime and disruption to end users.

Note: Because the above charts depict times greater than an hour, they use a different scale than the charts below.



Time to complete a restore of one large VM to a PowerStore array

Time (mm:ss) | Less time is better

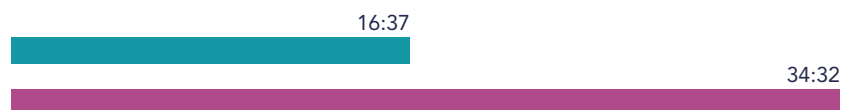


If disaster strikes, it's crucial to restore data quickly to minimize disruption. Dell PowerProtect Data Manager with TSDM restored data in less time than the Vendor X solution, which can save money when every minute counts.



Time to restore five large VMs to a PowerMax array

Time (mm:ss) | Less time is better



Restoring five VMs to a different array was also much faster using Transparent Snapshots on Dell PowerProtect Data Manager, showing its consistency as a backup and restore solution for both midrange and enterprise-level storage.

Learn more at <https://facts.pt/4Pf55vZ>