

5 Ways To Modernize Copy Data Management



CHECKLIST

Analyst firm IDC estimates that on average, companies store 13 copies of all data, and the cost to just store these copies will total US\$55B in 2020. Some copies are needed to perform business functions, but what if you could reduce the number of copies from 13 to 7?

Stop Impacting Operations To Make Copies

Business requires up-to-date copies of production data for backup and disaster recovery, development and test processes, financial reporting and auditing, legal discovery, governance and compliance, and more. Traditionally, creating these copies impacts the performance of production applications and drives up storage costs. It is also possible to lose governance controls of these copies. Are there also copies of the copies that are out of your control?

Hitachi Ops Center Protector provides snapshot and replication orchestration that automatically creates, refreshes and expires physical and virtual copies of application data, with no impact on production performance or availability.

Improve RPO and RTO* by 95% or More

Performing a backup once each night supports a recovery point objective (RPO) of 24 hours. This means that as much as 24 hours of your newest data is at risk of loss. Restoring backup data from disk, tape or cloud services can take hours or even days. This is no longer acceptable for important or critical applications and data.

Our application-consistent copy operations do not impact production performance and can be performed much more frequently. Snapshot or clone restoration can be completed within a few minutes.

Take Control of Who Has Access to Copies

As the world becomes more sensitive to data privacy, enacting serious regulations such as the European Union's General Data Protection Regulation (GDPR), uncontrolled copies of data become a potentially devastating liability. Do you know who has the ability to make and store copies of your data? Do you have copies of personal information on backup tapes?

Hitachi Ops Center Protector's highly granular, role-based access controls specify the access, actions and resources each individual or group is granted.



Reduce Secondary Storage Requirements by More Than 70%

When you perform a full (or synthetic full) backup, most of the data being copied is identical to the data that was backed up last time. If you perform a daily incremental backup and a weekly full backup, and retain each for 12 weeks, you could need more than 20TB of backup capacity for every 1TB of production data.

Ops Center Protector employs an incremental-forever data capture model. Each new block of data is copied only once. 1TB of production data requires only 3TB to 5TB of protection storage.



Make Better Use of Your Backup Data

Backup data simply consumes valuable storage capacity waiting for something bad to happen before it provides any value. Storing backup files in a native format on private or public cloud object storage makes it accessible for operations such as discovery, audits and analytics. There is no need to make additional copies and no impact on production systems and administrators.

Ops Center Protector stores backup files on Hitachi Content Platform or Amazon Web Services Simple Storage Service (S3) in a native format. Hitachi Content Intelligence indexes these files to support discovery and compliance operations.

* RTO = recovery time objective

¹ "IDC Market Glance: Copy Data Management, Second Quarter, 2Q18," Phil Goodwin, IDC.com. View webcast reference: https://www.brighttalk.com/webcast/12821/323065?utm_campaign=webcasts-search-results-feed&utm_content=rich%20vining&utm_source=brighttalk-portal&utm_medium=web.

Hitachi can help you regain control of your copy data, reduce costs and improve operational efficiency. Learn more: [View the webcast "Make Better Use of Your Backup Data."](#)



We Are Hitachi Vantara

We guide our customers from what's now to what's next by solving their digital challenges. Working alongside each customer, we apply our unmatched industrial and digital capabilities to their data and applications to benefit both business and society.

Hitachi Vantara



Corporate Headquarters
2535 Augustine Drive
Santa Clara, CA 95054 USA
hitachivantara.com | community.hitachivantara.com

Contact Information
USA: 1-800-446-0744
Global: 1-858-547-4526
hitachivantara.com/contact

HITACHI is a trademark or registered trademark of Hitachi, Ltd. All other trademarks, service marks, and company names are properties of their respective owners.

CL-012-G BTD April 2020