



Executive summary


Products:

NetBackup, IT Analytics


Region:

Americas


Use Case:

Backup and Recovery,
Data Insights


Industry:

Government


Environments:

AIX, DB2, Informix, Oracle,
SQL Server, VMware

Federal agency strengthens resilience, increases efficiency, and saves millions annually

Challenge

This large federal government agency safeguards approximately 100 PBs of data in multiple data centers, including 10,000+ virtual machines (VMs). For continuity of operations (COOP), the agency IT team needs trusted copies of data that can be restored rapidly after a cyberattack or disaster. For efficient operations, the IT team also needs the ability to quickly pinpoint which element of the storage infrastructure is responsible for application performance issues. In the past, troubleshooting was time-consuming because the agency uses storage platforms and SAN fabrics from multiple vendors.

Why Cohesity

For more than a decade the agency has met its goals for COOP and cyber resilience by backing up virtual machines (VMs) and databases with a Cohesity solution that provides security features such as immutable backups, multifactor authentication, and AI-powered anomaly detection. More recently the agency added IT Analytics, which reports on the performance of every element of the agency's storage infrastructure, from any vendor, down to the individual array, LUN, disk, and switch port.

Business value

COOP and cyber resilience.

Following a ransomware attack or other disaster, the agency can restore clean data from immutable backups that attackers can't alter.

Potential millions of dollars in annual savings.

By aggregating data from all storage and SAN fabric platforms into a single interface, IT Analytics spares the agency the cost and management burden of using each vendor's proprietary management tool.

Success in meeting and exceeding SLAs for application owners.

We estimate that the time to identify the source of application performance issues has dropped from hours to seconds, improving the citizen experience and workforce efficiency. Many issues are remediated before users open a trouble ticket because the Cohesity solution proactively alerts staff when the latency of any element reaches a threshold.

Efficient, accurate capacity planning.

With a glance at a dashboard, agency IT staff can spot underutilized storage resources (production or backup) that can be reallocated to other teams, as well as overutilized resources that can degrade application performance. Automating the old spreadsheet-based capacity-planning process, we have estimated, saves an estimated 100 hours of staff time annually, helping the agency meet its efficiency targets.

Benefits

Cyber resilience

at scale: 100s of PBs

Seconds

to identify source of performance issues—down from hours

Potential Millions of dollars

in annual savings on IT analytics software

~100 hours

saved annually on capacity planning

Learn more at www.cohesity.com

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