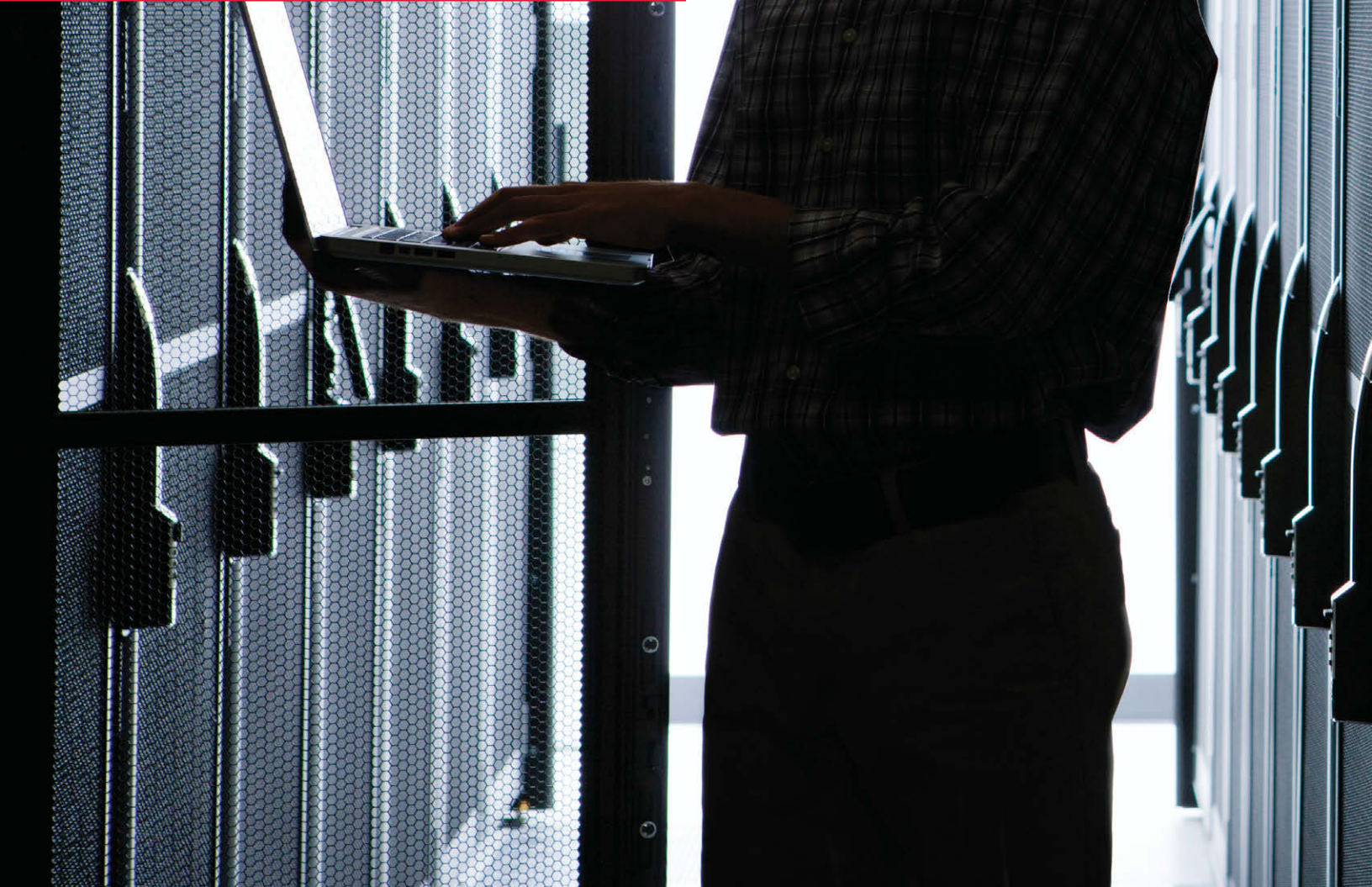# MITIGATING BACKUP BURDENS

Regardless of the complexity of your backup needs, we'll bring together simple, sustainable solutions designed to make managing your environment easier.

and

CDW PEOPLE WHO GET IT

A BLUEPRINT TO BUILDING A BETTER BACKUP PLAN.

The overwhelming explosion of data complicates backup and exposes organizations to permanent loss of critical information and potential damage to reputations and revenues. We can help you streamline your backup systems to deliver the protection you need.

CHALLENGES

Keeping your data under control.

While a diverse and agile data center is a good thing, it can make a simple backup solution challenging. The latest version of a file can be impossible to find among backup systems for virtual machines and conventional servers. And that's just the tip of the iceberg. Backup systems face three major challenges:

Virtualization

As more applications and data are moved to virtual machines, integrating VM protection into established backup and disaster recovery processes can be like putting a square peg in a round hole.

Data Avalanche

Traditional backup solutions are insufficient to meet the needs of today's exponential data growth. The volume of data use exceeds the limits of tape media. And the performance of disk media is being dragged down by limitations of size and speed.

Dispersed Data

Servers, desktops, notebooks and now a growing number of mobile devices — data is both created and accessed across more networks and platforms than ever. Proper backups now require the identification and tracking of all the dispersed endpoints, which can prove to be both elusive and costly.

60% of all enterprise storage and backup space is occupied by redundant data.[1]

A PLAN TO PROTECT YOUR DATA

To achieve a streamlined backup system that's easy to navigate and recover data from, consider these four features:

Data Deduplication

Reduce physical storage requirements by eliminating redundant data. Data deduplication decreases storage needs and allows for shorter recovery time.

Integrated Technologies

The right hardware and software for your organization can help accelerate backup systems and simplify disaster recovery. Proper integration can also extend your investments in legacy backup applications.

Cloud–based Backup

The cloud is the ideal backup solution. It provides integrated storage as well as offsite backup in the event of a disaster.

Centralized Management

Management software simplifies IT tasks by allowing you to manage backups directly from mobile devices, assign and monitor deduplication and replication tasks, report on deduplication rates and capacity utilization, and virtualize infrastructure with storage resource reporting.

MITIGATING DOWNTIME WITH BETTER BACKUPS

The many benefits of implementing a solid backup solution include:

Improved Performance

Data deduplication reduces the amount of data being backed up while supporting dynamic workload balancing in virtualized environments. Because only one iteration of a file, block or byte is stored, you can increase backup frequency and efficiency.

Greater Protection

Efficient backups can help mitigate downtime and minimize data loss. If disaster should strike, comprehensive backups accelerate data recovery to restore server, desktop and mobile systems faster — keeping your organization productive.

Better Management

Centralized management streamlines backup system monitoring and maintenance to protect both physical and virtual servers. And with our managed services capabilities, we can take care of monitoring, management, maintenance and upgrades of backup systems for you.

Smooth Operations

Comprehensive backup solutions help restore server, desktop and notebook systems faster so that productivity and performance do not suffer. Comprehensive data protection helps boost recovery from disruptions and data loss before downtime can negatively affect your organization.

10–25X

The increase in effective storage capacity that deduplication can offer.[2]

PEOPLE WHO GET IT

Our broad expertise in the data center space, along with our extensive partnerships with industry leaders, enables us to bring you cutting–edge backup solutions. We can help you protect your data and information by offering specialized backup solutions designed to meet both your environment's needs and your organization's requirements.

In addition to knowledgeable account managers, we also offer:

280+ Highly specialized solution architects and engineers

50+ ITIL–certified staff

Quantum

Powered by DXi® software, Quantum's new portfolio of deduplication solutions provides patented variable–length deduplication that reduces disk usage and capital expenditures.

THE CDW APPROACH

ASSESS
We can start by reviewing your current infrastructure and conducting health checks on partner backup and recovery systems already in place.

DESIGN
With that knowledge, our experts can lead planning, design and pilot deployment of your new backup solution.

DEPLOY
Once your backup solution has been chosen, our team can manage implementation to help ensure the process goes smoothly.

MANAGE
If you'd like additional help with your solution, we can manage tasks like monitoring, upgrades, maintenance, reporting, and hardware and software incident management.

EMC²

Fast, efficient backup and recovery through a complete software and hardware solution. EMC2 is also equipped with integrated variable–length deduplication technology, Avamar facilitates fast, daily, full backups for virtual environments, remote offices and enterprise applications.

CERTIFICATIONS AND AWARDS

EMC Federal Partner of the Year
EMC Partner of the Year 2012–2015
EMC Signature Velocity Partner
22 Commvault Accredited Sales Professionals

8 Commvault–Certified Solution Architects
72 Commvault Technical Sales Professional Accreditations

COMMVAULT

Commvault's single software takes the complexity out of managing VMs across evolving lifecycles. Commvault enables you to streamline and automate the management of your platform and ensure that no VM goes unprotected.

To learn more about how CDW can help you build a comprehensive backup solution, visit CDW.com/backup or call 800.800.4239.

CDW — PEOPLE WHO GET IT™