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▶ Checklist: 10 Signs That You Need to Modernize Your Backup and Recovery Solution

Data protection is critical for business success. Yet, with rapid data growth, increasing infrastructure complexity, and new strategic initiatives including virtualization, cloud, BYOD and compliance, legacy backup methods simply don't meet the demands of today's modern data center.

▶ To help you determine if your environment needs a more modern approach to backup and recovery, review these checklist items. If you checked any of these, it may be time to re-evaluate your data protection strategy.

I CAN'T COMPLETE BACKUPS WITHIN MY BACKUP WINDOW.

If you are seeing your backup window continue to shrink, or worse it is quickly slipping away, you are already at great risk. Soon you may struggle to even finish backups at all. This is a clear sign that it's time to modernize your data protection approach.

I HAVE TOO MUCH DATA REDUNDANCY.

Data has a way of proliferating across the enterprise costing you valuable resources to retain multiple copies of the same information. If your backup strategy isn't efficiently eliminating redundant data globally and at the source, before it is ever transmitted over the network, it's time to implement modern methods of data deduplication. Software-based source-side deduplication can eliminate up to 90% of the data copied over the network and cut the time required for backups by as much as half.

I HAVE A NUMBER OF POINT BACKUP TOOLS THAT ARE HARD TO MANAGE.

As infrastructure grows, and data silos pop up, it's common to see a myriad of point backup products and even homegrown scripts. Cobbled together over time, these point backup tools can consume hours of management time and are often easily broken when new technologies are introduced. A modern data protection approach can streamline backup and recovery in a single solution that is optimized to support every application and environment.

MY BACKUP PROCESSES REQUIRE TOO MUCH MANUAL INTERVENTION.

Let's face it, you have a lot more strategic projects to focus on besides backups. When backing up takes manual configuration, management and babysitting it consumes valuable time that you should be spending on other activities. To properly automate and secure your backup environment, but still maintain the ability to adapt to changing needs, you need a modern data protection solution.

MY ENDPOINT DATA ISN'T BEING PROTECTED.

Endpoint data, or data at the edge, is often the most overlooked content in a data protection strategy. Yet, data created on laptops and desktops is also information that is at the most risk of data loss and compromise. Mobile users are also demanding more self-serve access to their data for increased productivity. If endpoint data protection isn't currently included in your backup and recovery strategy, it's time to consider a more modern approach.

I'M NOT CONFIDENT THAT I CAN MEET MY RTO AND RPO FOR CRITICAL APPLICATIONS.

The ability to recover is the reason you perform backups in the first place. If you have critical applications that need to be recovered within a specific timeframe or back to a critical recovery point, and you're not sure that your backup solution can achieve this, you need to reconsider your backup approach so that you can meet your SLAs.

○ **MY BACKUPS SLOW MY PRODUCTION ENVIRONMENT DOWN.**
If you are using streaming backups to protect key applications and the process is consuming too much network and processor power, your legacy backup solution is slowing you down. Backups shouldn't be hindering application performance. A modern approach will benefit the business by limiting the impact on production resources and speeding recovery to prevent downtime.

○ **I'M NOT MAKING THE MOST OF MY STORAGE RESOURCES.**
Your backup and recovery solution should optimize your existing storage hardware. Rather than continuing to invest in new equipment every time you are pushing your existing capacity, make better use of the hardware you have with a modern data protection solution. It will help you automatically move older backups off to less costly storage tiers.

○ **I CAN'T AFFORD TO IMPLEMENT DISASTER RECOVERY FOR ALL OF MY APPLICATIONS.**
Some disaster recovery strategies can be overwhelmingly expensive. This often means that you can't protect all the applications that you want to. Yet, with a modern data protection solution you can dramatically cut the costs of DR and significantly reduce recovery times so that you can extend DR to more workloads.

○ **MY BACKUP SOLUTION WON'T SUPPORT THE CLOUD.**
Whether you are planning to leverage cloud environments today, or down the road, it's important to know that your backup and recovery solution will be there when you're ready. If your current backup product doesn't support data protection, transport and retention across physical, virtual and cloud infrastructure in a single solution you may be limiting your future options. Consider a modern approach to data protection and ready your environment to meet the changing dynamics that may lie ahead.

If you checked any of these signs, it may be time for you to evaluate Commvault® software. From a single platform, Commvault software delivers a modern approach to data management that will give you a truly holistic approach to protecting, managing and accessing your data.

▶ **RESOURCES**

1 commvault.com/resource-library/2025/5-strategies-for-modern-data-protection.pdf

▶ Commvault software and its market-leading innovations conquer data protection challenges with less cost, risk and complexity. Learn more at commvault.com/solutions/modernize-backup-and-recovery.

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