The Do's and Don'ts of Cloud Transformation

Cloud transformation is an integral part of digital transformation, so making your multi-cloud environment as streamlined and flexible as possible is crucial. In addition, with data in multiple locations, availability and instant recoverability from anywhere become more critical in your IT infrastructure. Let's discuss a few ways to make it easier for you to achieve your cloud transformation goals with the right data protection solution.

For starters, a solution that provides the industry's broadest workload coverage will eliminate the complexity of having to manage multiple solutions. As IT and enterprise data management evolve, a recurring pattern of innovation and the shift towards modern workloads leaves enterprise IT environments with a wide range of workloads to manage.

Commvault provides breadth and depth of workload coverage to ensure that you always have enterprise-level coverage for all workloads, including your legacy data and next-generation workloads like containers and SaaS. Conversely, an environment that can't support your workloads creates complex, siloed operations where you must manage multiple point solutions to achieve the comprehensive coverage you need. This approach adds complexity to your environment that can be difficult to manage – leading to inefficiencies, vulnerabilities, and higher costs.

The second important consideration is a solution with a flexible delivery model that allows you to consume based on your business needs now and in the future – whether your data is in the cloud, SaaS, or on-prem. You must consume, deploy, and scale the solution according to your business needs. Some solutions don't cover your data both on-prem and in the cloud. And those solutions can create lagging performance, long procurement cycles, and significant downtime. What's more, if a solution can't cover the data at the edge, you could be waiting days for a restore. A viable solution must accommodate your migration to the cloud and your continuous data growth.

89% **of respondents**
report having a multi-cloud strategy.[1]

This means having support for a multi-cloud environment is imperative to stay competitive and achieve your data agility and availability goals. You need a solution that works with everything, no matter where it lives in your environment. Being locked into certain cloud or storage providers is costly to transition from and could keep you from modernizing your environment – forcing you to stay with outdated systems.

Even as data volumes grow, Commvault customers confidently manage their growth through the platform's ability to automate tasks for data management processes. Smart automation allows you to migrate workloads between clouds and move them back on premises when needed, while meeting your SLAs. It also frees your IT team to continue innovating and improving your environment. Without this level of smart automation and flexibility, inefficiencies result in cumbersome manual migration tasks, missed SLAs, and human error.

Protect your data – No matter where it lives

Enterprise-level security is top of mind for everyone. Commvault's end-to-end solution improves threat and risk mitigation across all endpoints and applications. One dashboard lets you do everything — automate, scale and optimize your entire data landscape. Without complete visibility into your environment, you won't have confidence that you're prepared for the inevitable issues and threats that hit organizations every day, such as ransomware attacks. Commvault provides complete visibility across your entire data environment – whether that is on-prem or in cloud, so you can quickly identify your risk exposure and drive proactive remediation actions to keep your data secure.

The Power of AND

You're used to either/or choices and compromise in your environment – due to cost or just the lack of resources. With the Power of AND - our unified data management platform spans on-prem, cloud, and hybrid environments, so you no longer have to pick and choose what part of your environment is protected. Mix and match our enterprise software, appliances, AND Metallic® portfolio of SaaS-delivered cloud-native solutions to protect and manage all your data – regardless of where it lives or how it's structured. The Power of AND gives you flexibility with less complexity and risk – wherever you are on your cloud journey. Whichever solutions you choose, you get the same automated data management and consistent, simplified user experience — powered by Commvault.

As companies move to adopt a cloud strategy, managing data on premises and in the hybrid cloud can be burdensome and challenging. That's where Commvault HyperScale™ X (HSX) comes in. HyperScale™ X is a scale-out integrated solution available as a Commvault-branded appliance or as a validated reference architecture for use with your existing hardware. You get simple setup, management, and protection for all your workloads at scale and trusted security, immutability, and resiliency with built-in ransomware protection.

Combining HSX with the Power of AND gets you the best of both worlds. As companies move to the cloud and adopt SaaS, managing data on premises has become the new edge. By putting compute and storage closer to the on-premises backup source, you accelerate recovery times and lower costs while still reaping the simplicity and flexibility benefits of a SaaS-delivered backup solution – those benefits being immediate deployment, speed of recovery, automatic updates, no backup infrastructure to manage, and a flexible subscription model.

Efficiently manage multi-cloud data

When migrating data to the cloud, it's not uncommon to move more data than is required. Moving this unwanted data, specifically redundant, obsolete, and trivial (ROT) data, results in increased migration SLAs, higher data risks, increased storage costs, and more burden on your IT team. Commvault® File Storage Optimization helps you easily identify and exclude ROT data before your migrations. From the same single user interface used for backup and recovery tasks, you now have the power to streamline your migrations, efficiently and rapidly moving the right data to where it needs to be.

There are dos and don'ts when choosing a data protection solution for your multi-cloud data. Don't make a costly mistake and do look to Commvault for a solution that will achieve all your dos in one solution.

The entire Commvault portfolio is already integrated, providing you with a unique Power of AND. It's what gives you the unique ability to manage hybrid cloud workloads, identity and mitigate data risks, AND, at the same time, manage cloud-native workloads – all seamlessly across a unified customer experience.