



## ▶ 5 Steps to Migrate Your Applications to the Cloud Stress Free

Moving more of your operations to the cloud is a little bit like your first date. It was scary, nerve wracking and you weren't quite sure of the outcome. But after a while you got the hang of it and saw the benefits – a date for the high school prom and the ultimate outcome, perhaps, matrimony. Fortunately there is a way to transition more applications to the cloud and at the same time, eliminate first-date level stress. You can achieve the ease of workflow and efficiency you crave from an advanced storage platform and since we're not in high school, you don't have to meet the parents.



Enterprises want to move more operations to the cloud to become more agile and they want to do so at reasonable cost, and with minimal disruption and complexity. In particular, larger enterprises are using hybrid clouds to consolidate IT infrastructure. They see the appeal of freeing applications from a static infrastructure, and instead, moving these applications to the cloud where they can be more easily shared across the enterprise. At the same time, enterprises may want to continue to house some operations within their own infrastructure. The answer to this is Commvault®, which gives you the flexibility of supporting native operations in the cloud or on premise with a common set of data management tools.

Organizations large and small are driven by the need to use both private and public clouds to their best advantage to achieve this flexibility and ease of sharing. They are looking for ways to manage increased data flows with minimal burden on already stretched IT resources, and with cost effectiveness a key objective. Let's examine five 'first date' stress concerns in moving operations to the cloud, and solutions for each.

## ► ONE: WORKLOAD TRANSITION

While using the cloud for shared resources offers greater efficiency, enterprises can't afford any disruptions when moving some workloads off site, to the cloud. Commvault offers more than 10 years' experience in helping enterprises transition to the cloud with better, more deeply integrated data management that bridges both the on-premises and hybrid cloud worlds. With one of the most extensive ecosystems of cloud service partners, Commvault helps enterprises develop a cloud approach that works for them, using existing assets and services, thus avoiding the unnecessary expense of building a cloud.

### SUGGESTED READING >>

**IDC Technology Spotlight:  
Leveraging the Public  
Cloud for Faster Disaster  
Recovery at Lower Cost!**

Read how cloud computing can be leveraged to develop DR capabilities that are both less expensive and easier to deploy than traditional methodologies.

### READ NOW





▶ **TWO: COST CONCERNS.**

Increasing data loads demand more investment in IT infrastructure. Your basic choices are to incur significant up-front costs for on premise expansion, or consider the relative costs of investing in the cloud. One of the advantages of cloud-based services is you pay on a scale of what you consume, thereby avoiding expensive up-front investment and enabling you to far more closely predict future consumption and related expenditures. Budget control is paramount and Commvault's smart cloud management capabilities help enable a seamless transition to the cloud while maintaining cost control.

According to Forrester 90% of IT organizations in 2015 admit to having "Shadow IT" in their organizations.<sup>1</sup>

▶ **THREE: CLOUD AND ON SITE INTEGRATION.**

The cloud can support cost control objectives, with the ability to scale as needed, and fuller use of applications as a shared resource, but it also brings complexity. With the options of private, hybrid and public clouds, and a growing multitude of cloud platforms from the likes of Microsoft, Amazon, Open Stack, VMware and others, how do you move to the cloud and avoid this increased complexity? Commvault minimizes complexity by supporting cross-cloud operations as well as on-premises infrastructure, in one agnostic platform. It integrates with more than 20 cloud storage platforms, including Amazon cloud services and Microsoft Azure, as well as supporting VMware and Microsoft Hyper-V.

▶ **FOUR: IT STAFF RESOURCES.**

More data means more requirements for IT to manage and expand data protection services. Moving operations to the cloud frees IT staff from tasks that can now be done directly by the user. It gives users the ability to consume services in the cloud without the need for IT intervention. This occurs because the cloud works on the concept of

shared services which are highly automated, achieving the greater efficiency desired by enterprises. IT staff can focus on tasks that may bring greater business value, as a result. One of the many ways Commvault helps free up IT time is through its workflow automation capabilities, which enables you to create pre-built workflows for repetitive or highly complex manual data management tasks.

## ▶ FIVE: “SHADOW IT” RISKS.

Incorporating the cloud into day-to-day business operations may inspire some employees to think of the cloud the way they approach the cloud in their life outside work, that is, selecting and using apps as they see fit. Common examples of this are employees’ use of file sharing and syncing solutions that are not approved or protected by the enterprise’s data protection and backup platform. These ‘shadow IT’ environments pose security risks and possible compliance breaches. Commvault Edge® advancements, notably its Edge Drive, is designed to address this issue. Commvault goes the extra mile in protecting against shadow IT by applying Enterprise-grade security and encryption management features – protection that is not offered by popular file sharing applications.

## ▶ FROM FIRST DATE TO A HAPPY UNION

The cloud is growing up fast. Some 70% of Commvault’s existing customers already have some data managed in cloud infrastructure. In fact, a recent customer survey revealed that over 75 petabytes of data in the cloud is already being managed by Commvault technology. The cloud offers enterprises of all sizes an opportunity to further control costs and manage data rationally. Concerns such as security risks can be addressed by a data protection platform that has built-in safeguards against today’s BYOD culture which promotes the use of a plethora of devices, some of whom exist in the ‘shadow IT’ world.

With a platform that can integrate the cloud and on site, protect against file sharing and sync risks and free up valuable IT, you can embrace the benefits of the cloud with less stress and more productivity. That makes for a happy, long-term union between your enterprise and Commvault!



▶ **RESOURCES:**

1 [commvault.com/resource-library/555d8b0d00e072a74700007f/idc-report-leveraging-the-public-cloud-for-faster-disaster-recovery-at-lower-cost.pdf](http://commvault.com/resource-library/555d8b0d00e072a74700007f/idc-report-leveraging-the-public-cloud-for-faster-disaster-recovery-at-lower-cost.pdf)

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To learn more about Unified Cloud Data Protection with Commvault software, visit [commvault.com/solutions/cloud-backup-and-recovery](http://commvault.com/solutions/cloud-backup-and-recovery)



▶ **PROTECT. ACCESS. COMPLY. SHARE.**

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