

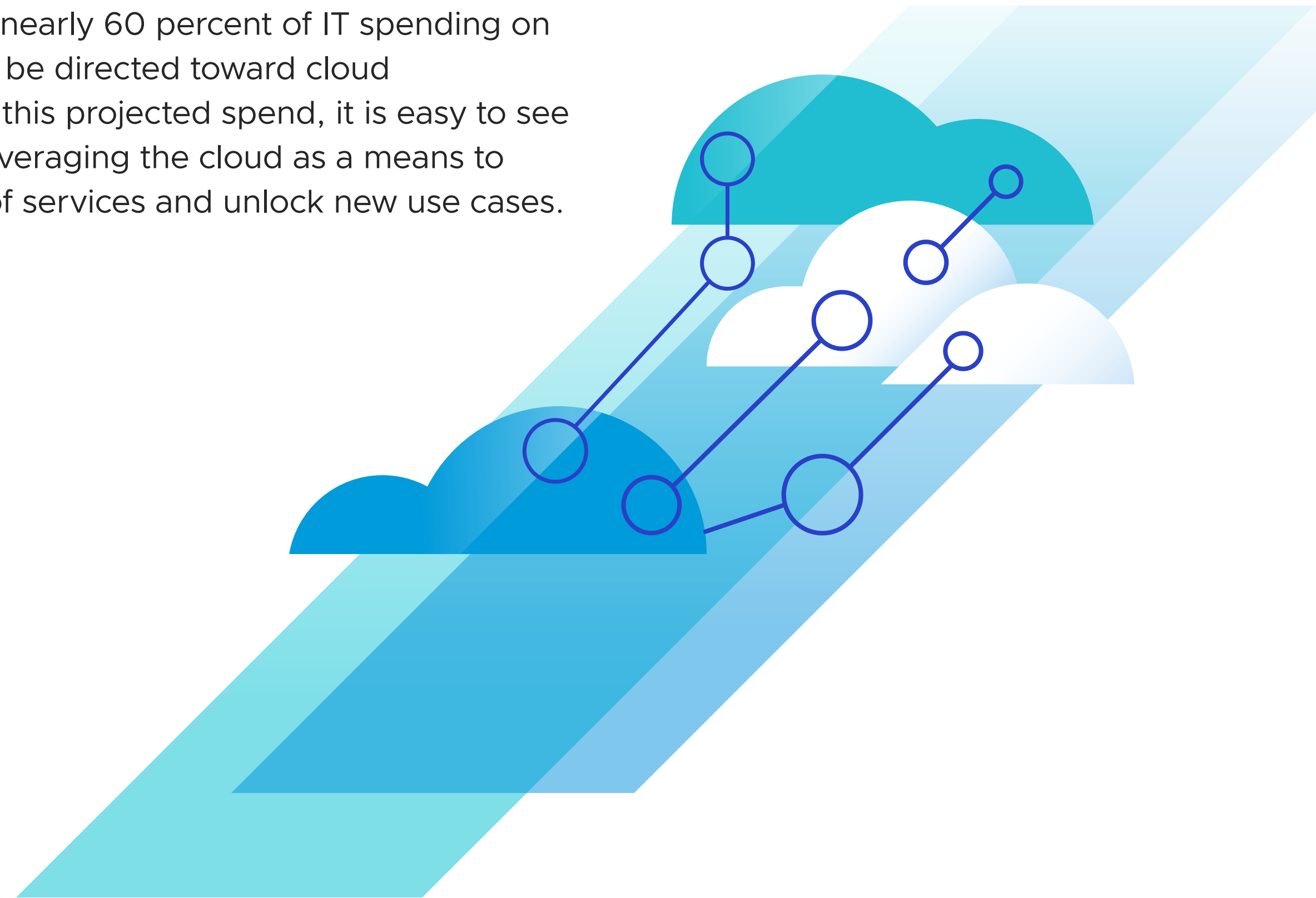
Get Hybrid Cloud Agility and Scalability to Empower Your Distributed Workforce

[> Get Started](#)

The rise of cloud services

Cloud means many things to organizations, ranging from simply extending current operations and platforms to the cloud to a full-on managed service like Desktop-as-a-Service, where the entire desktop virtualization infrastructure is managed for you, allowing you to focus on other priorities while still modernizing desktop and app delivery.

According to Gartner, worldwide spending on public cloud services is forecast to grow at a CAGR of 21.5 percent through 2025. Further, by 2024, nearly 60 percent of IT spending on application software will be directed toward cloud technologies.¹ Based on this projected spend, it is easy to see why organizations are leveraging the cloud as a means to accelerate the delivery of services and unlock new use cases.



1. Gartner, Inc. "Forecast Analysis: Public Cloud Services, Worldwide, 3Q21 Update." October 2021.

Having the right solutions in place, especially cloud-based ones, becomes even more important to ensure that IT organizations can respond to market disruption and business change. One of these solutions is VMware Horizon®, which enables a digital workspace with the efficient delivery of virtual desktops and applications and an unmatched end-user experience, keeping employees securely connected to corporate resources wherever they work and on any device. While many are familiar with desktop and app virtualization as an on-premises-only solution, VMware Horizon also offers hybrid cloud delivery and Desktop-as-a-Service capabilities, both of which include common management and monitoring services as the backbone of an overall cloud-ready foundation.

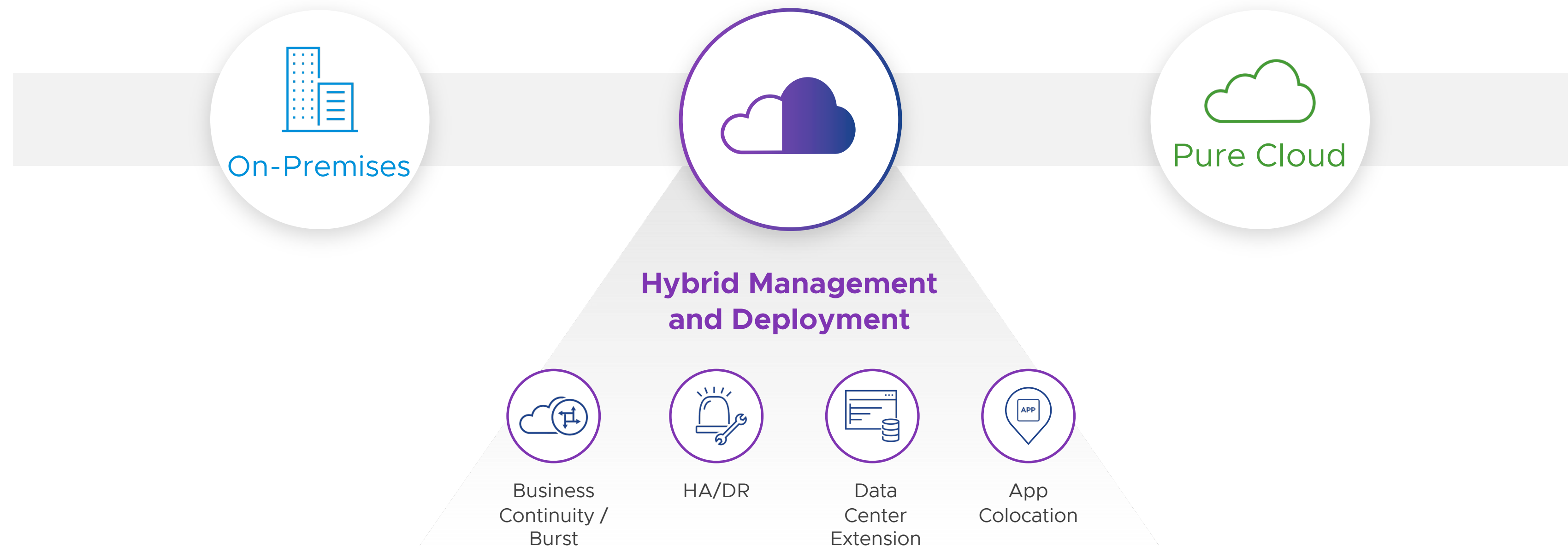


Figure 1: Leveraging the cloud opens up key virtual desktop and app use cases.

Build resiliency with an agile cloud-based infrastructure

VMware Horizon is a scalable, flexible platform that offers the resiliency needed to meet change head-on. As part of the solution, the Horizon Control Plane delivers modern cloud management services to optimize on-premises and cloud-hosted desktops and apps. As business requirements change, Horizon can leverage the cloud to unlock key use cases, such as disaster recovery, data center expansion, and app colocation while easing management requirements through the use of hosted cloud services or even DaaS. Let us take a deeper look at each of these use cases and how Horizon enables organizations to transparently provide the same levels of service, no matter the situation.

“VMware guarantees highly flexible and agile cloud services. With VMware’s solutions, we were able to respond quickly, even during the pandemic.”

Hirofumi Mitsuishi
Executive Officer, System Development Division Head
AEON Credit Service Co., Ltd



Keep business moving forward

One of the key use cases of the hybrid capabilities of VMware Horizon is business continuity, enabling end users to access their data and applications from any device, anytime, anywhere in the case of a disruption. A disruption can come in any form—weather, pandemic, or other environmental problems—and can limit the ability of end users to access their corporate resources and applications. But the one item that disruptions have in common is that they are unexpected and can quickly derail an organization, immediately halting work. The assumption that users can access an office location no longer holds true.

Today, organizations must focus on how to provide business continuity for end users, IT systems, and in essence, for the business itself. When planning for business continuity and disaster recovery, organizations must think through how to keep systems available and let end users securely access their desktops and applications to avoid costly downtime or loss of productivity.

Many organizations will replicate their primary data center to ensure business continuity and disaster recovery. However,

building and managing a secondary site can be costly in terms of the capital, hardware, software and expertise needed to build and maintain the site. A more cost-effective option is to create a hybrid cloud deployment in which the primary site is run on-premises, and the secondary site is run in the cloud of your choice. This site can be active, sharing the everyday load in conjunction with your primary environment, or passive, acting as a sort of pilot light so that resources can be spun up quickly should the need arise without investing more CapEx. You have the flexibility to work with your cloud provider to build a solution using the resources you choose to meet your needs and budget.

Having a unified Horizon architecture across the primary site on-premises and the disaster recovery site in the cloud makes the failover process simple. The secondary cloud-based location provides end users accessibility when the primary site is down or they cannot access their physical devices. The end user's desktop and applications are replicated to the alternative site and accessible with a URL, using Universal Broker, one of the Horizon services, from any device.



During COVID-19, Clal Insurance accelerated its VMware Horizon implementation by installing VDI in the homes of 3,700 of its 4,300 employees.

“VMware’s solution allows us to embrace a sustainable work-from-home strategy, while consistently providing exceptional user experiences and maintaining an all-encompassing security. It does this by scaling access to vital applications and data, managing and securing endpoints, and optimizing the network edge to every employee.”

Haim Inger, CTO
Clal Insurance

Extend the power of Horizon from the data center to the cloud

Horizon enables IT to add and extend desktop and application workloads to the cloud without investing time or capital in additional data center resources by offering flexible deployment options across private and public clouds. Horizon can be deployed on any VMware vSphere® or VMware Cloud™ certified partner, such as Microsoft Azure, Amazon Web Services, Google Cloud, Dell EMC and Oracle Cloud. Plus, if Desktops as a Service is your goal, you can use Horizon Cloud on Microsoft Azure—a managed service from VMware—to deploy desktops and applications without having to manage any of the underlying infrastructure. All this flexibility means you can leverage the cloud or clouds of your choice to cost-effectively deliver desktop and app capabilities on a managed infrastructure, quickly scaling and provisioning workloads with the feature-rich Horizon platform.

The solution leverages a unified architecture and lets IT teams use their expertise to manage their cloud-based resources with familiar vSphere and Horizon tools—no need to learn new skills or acquire new tools. With the same architecture and operational experience on-premises and in the cloud, IT teams can derive instant business value without climbing a steep learning curve. Additionally, you do not need to invest in additional hardware—you pay only for the resources you consume. You can decrease CapEx costs by alleviating the need to purchase infrastructure when more capacity is needed and minimize the hardware refresh cycle by offloading workloads to the cloud.

Data center extension is especially effective at supporting cloud bursting, when additional capacity is temporarily required to support remote staff, contractors or seasonal workers. You can scale resources up and down as needed and keep costs under control by paying only for what you use.



The College of New Jersey embraced the cloud to provide students a modern, high-caliber learning experience accessible from anywhere on or off campus.

“VMware Horizon offers a scalable and agile approach, where we can add more users if needed or create multi-instances for different needs.”

Leonard Niebo
Associate Vice President & Chief Information Officer, Office of Information Technology
TCNJ

Improve performance and compliance with app collocation

As applications move to the cloud, it makes sense to move your virtual desktops and apps there, too. Keeping apps that are hosted in the cloud in the form of virtual apps or desktops close together minimizes network traffic, reduces latency, and improves end-user experience and productivity because the access point is nearest the hosted app. With Horizon, IT can deploy apps and desktops in the locations that make the most sense without having to manage each location separately. Likewise, end users will have one interface from which to access all their apps and desktops, regardless of where they're delivered from.

Another key benefit of app collocation is the ability to ensure compliance and data sovereignty. Organizations in highly regulated industries may need to deliver resources to end users that come from multiple clouds with different compliance requirements. Similarly, certain companies need to ensure that resources and data are contained within certain countries or regions. Using the hybrid capabilities of Horizon means you can deploy apps and desktops where the data resides to ensure both the user experience and compliance, along with reducing overall management.



Make the move to VMware Horizon

VMware Horizon offers more than delivering virtualized desktops and apps to end users. With its cloud-ready infrastructure, you can realize all the benefits of leveraging the cloud and its services to build a more agile and resilient infrastructure that can quickly adapt to business demands.

Get Started Today

Learn about the latest virtual desktop and app trends from Horizon and its control plane services by watching the *VDI and App Trends 2021: Leveraging SaaS Services* webinar and demo.

WATCH NOW

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