

Web Werks VMX Hybrid Multi-Cloud Solution



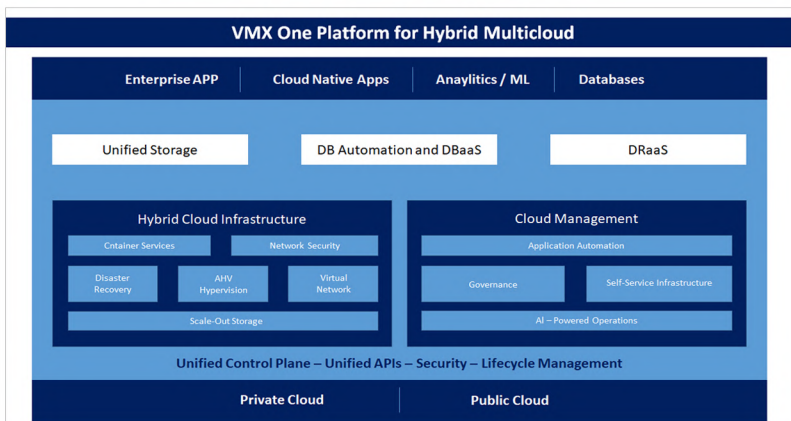
Businesses are rapidly adopting hybrid and multi-cloud strategies to maximize the advantages and mitigate the limitations of on-premise, public cloud, and private cloud infrastructures. This is resulting in them investing in what is known as a Hyper-Converged Infrastructure (HCI), which brings together all the hardware and software capabilities possessed by an organization onto a single platform that allows them to:

- Access data and applications from multiple sources (public cloud, private cloud, on-premise servers)
- Scale up their infrastructure as and when necessary, and ensure business resiliency and security through disruptions like the COVID-19 pandemic.

To achieve the transition to a hyper-converged IT model, enterprises need a Hybrid Multi-cloud platform that:

- Promises a short time-to-value,
- Simplifies workload orchestration across all your resources, and
- Ensures uniform accessibility and data protection.

The VMX One Hybrid Multi-cloud platform by Web Werks offers an IT deployment model that considers these needs and many more to ensure a quick and frictionless transition to a hyper-converged cloud infrastructure.



VMX One Hybrid Multi-Cloud: the fastest path to hyper-convergence

The VMX Hybrid Multi-Cloud is a carrier-neutral, cloud-agnostic, open-access, and OEM-agnostic platform to strengthen your IT operations at a reasonable cost, and with minimal implementation latency. The VMX Hybrid Multi-Cloud establishes an interconnected ecosystem for your devices and applications to work in sync for your data operations. The platform also provides an ‘open marketplace’ kind of business environment in the data center. Your business can seamlessly connect with sub-sectors such as Internet Service Providers (ISPs), Cloud Service Providers (CSPs), container service providers, internet exchanges, CDNs, SDNs and Subsea operators.

Application mobility without retooling

With VMX Hybrid Multi-cloud infrastructure, your business can utilize a common software platform for your private and public clouds. Your applications running on these clouds are vital to keeping business operations continuously ticking.

So, during the implementation of our hybrid multi-cloud platform, you do not need to retool or change your cloud service provider to migrate your applications on a public cloud-like AWS and Azure. Burst, extend, or migrate cloud data and applications to the cloud of your choice, without the operational complexities associated with a standard hybrid cloud.

Migration of VM across cloud platforms without affecting business continuity

Migration risks can be prohibitive to reconfiguring your IT infrastructure to accommodate the process of carrying over your applications and operational Virtual Machines (VMs) across your clouds, whether from private to public or vice versa. The VMX hybrid multi-cloud ensures that such risks are dealt with and the migration process can be seamless. Business continuity is maintained even during a phase of transition in your IT network.

Simplified cloud operations via a central console

Real-time data monitoring is a vital cog in the running of daily IT operations. As a business owner, you would want to know who has access to the processed information generated in real-time in your IT systems. Monitoring and managing the cloud operations is simplified with a customizable central console that monitors all the operations that leverage multiple clouds for execution. Network administrators in businesses can micromanage cloud operations in data centers and on-premise infrastructure in real-time.

Common operational practices across any cloud platform

The VMX hybrid multi-cloud allows your business to manage your applications and IT resources across multiple types of clouds. More importantly, organizations can use the same operational practices across different clouds. Accordingly, the requirement of developing distinctive operational and troubleshooting practices for each cloud environment is not there.

Flexible cloud database capacity depending on requirements

The VMX Hybrid Multi-cloud offers businesses the opportunities to store their post-processed information using automation and real-time data sync across all cloud databases available to them. Multi-cloud allows businesses to make their cloud databases variable in terms of storage to meet market demand. Our systems and personnel work relentlessly to provide space and cybersecurity flexibility to businesses across industries.

Migration of VM across cloud platforms without affecting business continuity

Migration risks can be prohibitive to reconfiguring your IT infrastructure to accommodate the process of carrying over your applications and operational Virtual Machines (VMs) across your clouds, whether from private to public or vice versa. The VMX hybrid multi-cloud ensures that such risks are dealt with and the migration process can be seamless. Business continuity is maintained even during a phase of transition in your IT network.

Reasonable Service and License-Related Costs

Despite possessing some of the best tools and technologies that allow organizations to improve their cloud services to a great extent, the Web Werks Hybrid Multi-cloud is priced reasonably, so that most businesses can afford it. Also, the licensing costs are kept in the cost-efficient range as high licensing costs can also be detrimental to its affordability and, in the long term, usability.

Simplified, fast, and effective cloud implementation

Shifting the IT infrastructure from private to public clouds and vice versa can be a tall order for businesses. Some of the challenges involved in the process are related to re-architecting existing applications, managing multiple IT tools for various types of clouds, and managing complex networking.

Implementing a singular platform to span multiple clouds is ideal as it resolves most of these challenges standing in the way of platform implementation for businesses. This allows the implementation process to be sped up and also simplified to a significant degree. Web Werks' data centers are Uptime Tier-III Design Certified to increase the effectiveness and immediacy of cloud infrastructure implementation. Additionally, the VMX hybrid multi-cloud shows minimal implementation latency with a guaranteed 99.982% service uptime.



Disaster-Recovery-as-a-Service

Your cloud network must exhibit resilience and adaptability to withstand adverse disruptions in the network. DRaaS provides all the tools for data security and backup so that business owners can be at ease even when an unforeseen situation arises. Additionally, DRaaS is also vital to protect the cloud network and its various systems and applications from engineered cyber-attacks.

Seamless migration to public cloud platforms

Whether you need AWS or Azure cloud platforms to extend your IT capabilities, the VMX Hybrid Multi-cloud platform allows you to migrate to public clouds without changing your preconfigured VPCs, VNets, and subnets. To optimize your overall cloud spend, you can use your existing licenses when you migrate to the VMX Hybrid Multi-cloud platform.

VMX Hybrid Multi-Cloud Deployment Package: An end-to-end solution

The hybrid multi-cloud package provided to businesses can be classified into three sub-packages for easier comprehension:

Hybrid Cloud Infrastructure

Disaster Recovery:

The Hybrid multi-cloud infrastructure enables cloud platforms to be resilient by providing backup and data recovery opportunities whenever a crisis situation occurs (natural disaster, accidents, damaged systems, failed disks, mistakenly formatted systems).

Scale-Out Storage Facility:

Allows businesses to expand the disk space in the network by adding more devices connected to it. Hardware is added to increase storage space whenever the need arises.

Cloud Management

Application Automation:

Includes the deployment and servicing of data center applications. Such applications are automated to centrally and accurately control operations related to them.

Self-Service Portal:

Digital portal that allows IT and operations teams to focus on high-value tasks instead of repetitive ones. Also allows end-users to provide for themselves based on their requirements from the cloud platform.

Virtual Network:

The virtual network established by the VMX hybrid multi-cloud platform connects VMs and devices, regardless of their location, for various IT operations.

AHV Hypervisor:

Provides a powerful virtualization tool for your network. This hypervisor provides integrated virtualization, operational insights, data protection, and app mobility.

Governance:

Framework to deploy tools and policies to control expenses, minimize cybersecurity risks, accelerate deployment, and ensure efficiency in cloud implementation.

AI-Powered Operations:

AI-based systems allow for smarter automation in cloud computing with advanced data analytics.

Standard Features

Cloud-Native:

Allows businesses to build and run scalable applications in public, private, and hybrid clouds

ML-Driven Data Analytics:

Provision of assistance to AI-powered systems for better operational data analytics.

DaS:

Virtual desktops provided over the internet to allow business operations to carry out unabated.

Cloud Lifecycle Management:

To manage the dynamic nature of the cloud environment, guarantee flexibility, and meet the targets of the business.

End-User and Edge Computing:

Allowing authorized remote users and endpoint devices to avail benefits of the hybrid multi-cloud platform.

DBaaS:

Allowing organizations to use a dynamic database platform to store their confidential data and scale storage if their operations demand so.

Unified API:

Standardizing resources and data models across APIs to integrate multiple services into a single interface — significantly decreasing performance lag and redundancy.

Migrating to VMX Hybrid Multi-cloud: A swift and uncomplicated switch to a superior platform

Migrating to a new platform can be costly, complex and time-consuming for businesses. With Web Werks, the process of switching your IT tools and applications to our hybrid cloud-computing platform is risk-free, lag-free, and hassle-free.

No major reconfiguring required

Generally, switching to a public cloud platform involves the need to make specific adjustments to accommodate your existing applications and tools. Additionally, your staff may have to upskill as a part of making the migration easier. The VMX hybrid multi-cloud does not necessitate that due to its public cloud networking and pre-configured amalgamation protocols to create a link between your private and public cloud. Your VMs and applications can alternate between different cloud platforms without lag or complexities.

Fast and risk-free migrations

The migration process is carried out with infrastructural-level single and bulk switches. The process removes the need to incorporate a bulky new infrastructure. Businesses can leverage private and public clouds for their operations. Most importantly, migration costs are saved as there is nearly no service outage in the process, and, so, downtime can be avoided.

