



# VMX Hosted Private Cloud: A Highly Architected Private Cloud Solution

With digital disrupting, every sector we possibly know, businesses are now making a shift to hybrid cloud infrastructure. And there is no wonder why since it enables businesses to combine the scalability and cost-effectiveness of the cloud with the performance and control of on-premise infrastructure.

There has been a constant growth in hyper-converged infrastructure (HCI), and it is projected that by the end of 2023, 70% of businesses will be using HCI. The COVID-19 pandemic further boosted the need to shift from private and cloud-only deployments to hybrid and multi-cloud strategies. And now, we have hybrid cloud as the most common deployment of cloud globally, with the highest level of penetration in Asia-Pacific.

## Presenting VMX

All of these advancements demand an efficient cloud engineering platform that could help businesses embrace these quick shifts seamlessly. We need a single platform that can span private, distributed, and public clouds and facilitate the operators to manage their traditional and modern applications with the help of a consistent cloud platform—without any hassle.

Understanding all these pain points of our customers, we, at Web Werks, have innovated a cloud-ready operating model for speed and resilience: VMX, a hosted private cloud solution for enterprises.

### VMX - Web Werks Cloud Engineering Platform

- VMX digs deep into the crucial infrastructure challenges to help you adopt ready IT operating model.
- It brings an array of benefits like speeding up resource deployments by >50% while delivering apps at a much faster rate, i.e., 27% faster.
- It lays its foundation on simplicity and helps you drive the standard operating model with quick implementation and ease of adaptation.

## Importance for End-Users

VMX is an enterprise-class cloud infrastructure that has been designed to withstand the most demanding workloads, requiring a secure and compliant operational framework with in-built benefits for network and storage. It offers:

### • High-Performance and Quality

VMX is built on the industry's most advanced hyper-converged infrastructure technology, which makes it a high-performing cloud computing platform delivered in a dedicated, single-tenant, managed cluster solution backed with the promise of quality from Web Werks' data centres.

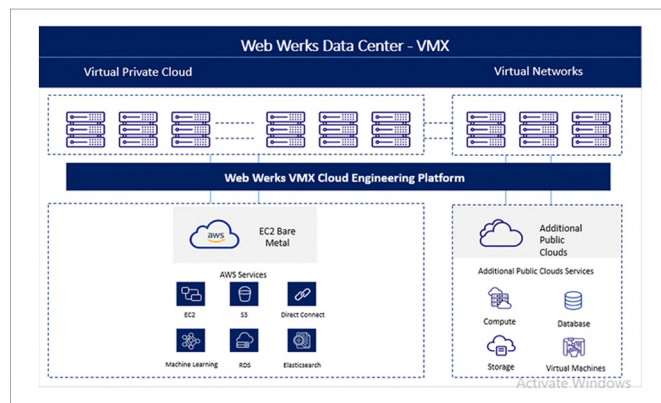
### • Ease of Migration and Cost Saving

You can move applications to VMX Clusters with no Code change since HCI simplifies and speeds how you can build and manage your desired cloud approach. All of this can be done with a one-click operation without having to sacrifice reliability and security while freeing your business from the complexity and cost of legacy IT.



## Other points of fascination include:

- It has bare metal (high end) machines on the connected platform.
- VMX offers hosted private cloud for HIPAA and PCI DSS complied industry with a multi-regional approach.
- It also integrates VMware's vRealise and KVM operations having no additional hiccups to access infrastructure monitoring and capacity planning.
- Pay as consume near DR and disaster recovery as services for enterprises.
- Helps you launch a marketplace as a service to launch DBaaS, AI, ML, and analytics as a service.



Not only this, but it also offers a real multi-cloud and hybrid setup set while using our multi-cloud connect performance connect services. It all comes with 24\*7 support from our highly skilled and extensively experienced operators who will help you manage your mission-critical infrastructure and systems.

## Value Proposition

VMX is a specially crafted cloud platform that has been designed to help you deliver higher business value in all phases of your IT operations, i.e., across private cloud, hybrid, and multi-cloud. It has become important than ever before since businesses now need to manage a fine balancing act of reducing spending while simultaneously preparing themselves for future investments.

Hence, you need to save while you spend, and VMX helps you with that. It helps you save through simplicity and choice with its built-in intelligent cost optimization. It not only helps you deliver higher value in every aspect of your IT operations, but also for data centre, hybrid, and multi-cloud. Here is what else you get:

- You get a dedicated private cloud cluster that harnesses Nutanix AOS hyper-converged software.
- Freedom to choose which Hypervisor (Hyper-V, VMware, KVM, and Nutanix AHV) you want.
- Rich user interface and management console along with rich software feature suite, including asynchronous replication for DR
- 100% SLA for cluster availability and the promise of quality from Web Werks.

Other than that, it also protects your private cloud by means of native data encryption, app-centric micro-segmentation, and real-time security auditing. You get a unified platform that helps you manage private and multiple public clouds, i.e., it offers centralized management for all your computing infrastructure, be it on-prem or in public clouds, with a single console.



# Ease of Migration from On-prem to Web Werks' Data Center's Private Cloud Solution

The VMX Private Cloud solution is meant to meet your company's unique needs and expectations. It helps you eliminate various IT complexities, simplify management, and integrate data services while improving data protection and security. It also enables a private cloud to be more agile, more scalable, and more effective eventually. What acts as a cherry on the top is its ease of migration to VMX from your on-prem cloud solution.

And the same is achieved, i.e., deploying and operating a private cloud, in a cost-effective manner while increasing service levels. But before you start designing your private cloud, analyse a few things, such as:

- Which hardware solution you will choose. It can be Nutanix NX appliances, OEM platforms, or third-party servers.
- Further, evaluate what virtualization software you will choose, i.e., Nutanix AHV, VMware vSphere, or Microsoft Hyper-V.
- And what are the additional data services that your private cloud will require? Is it a file, object, block, or database?
- Also, it is equally important to understand what level(s) of data protection and DR you needed and how you will meet those SLAs. It can be Nutanix-native capabilities, third-party software integration, or external cloud services.
- Don't forget about the additional security measures you will need, such as network security, end-point security, and data security.

That's all, and you are good to go. If you have all this information, you can begin thinking about and planning to migrate to a private cloud that meets these needs.

