



TWE SOLUTIONS

WHITE PAPER

# FIVE CONSIDERATIONS BEFORE MIGRATION FROM VMWARE

## Choosing the Right Virtualization Option

### **Virtualization Has Evolved— Has Your Strategy?**

Virtualization has transformed IT infrastructure, allowing businesses to maximize computing resources, improve scalability, and enhance disaster recovery. When VMware first introduced mainstream virtualization, it revolutionized how enterprises managed workloads by reducing reliance on physical hardware. However, the landscape has changed. The rise of cloud computing, containerized applications, and hyperconverged infrastructures (HCI) has reshaped virtualization, demanding more flexibility, cost efficiency, and strategic alignment with modern IT architectures.

**Migration away from VMware is more than just a technical decision—it impacts business continuity, IT strategy, and long-term innovation.**



As Broadcom's acquisition of VMware disrupts the market with pricing changes and product uncertainty, many businesses are reevaluating their virtualization strategies. Organizations now have the opportunity not only to migrate away from VMware but also to modernize their infrastructure with solutions that align better with future needs.

## The New Virtualization Landscape

Modern virtualization platforms must do more than simply support VMs—they need to integrate with evolving IT trends. Open-source solutions are gaining traction, cloud-based virtualization is expanding, and HCI is eliminating traditional silos between compute, storage, and networking. Businesses seeking alternatives must weigh several factors:

**Ease of Migration:** The ability to transition from VMware with minimal downtime is critical.

**Workload Compatibility:** Some platforms handle high-performance, enterprise applications better than others.

**Security & Compliance:** Organizations in regulated industries must ensure any platform meets strict security and compliance standards.

**Cost Optimization:** Licensing costs, hardware requirements, and long-term operational expenses must be balanced against business needs.

**Cloud Readiness:** Virtualization platforms must integrate seamlessly with public, private, or hybrid cloud strategies when needed.

## Five Critical Considerations For Migrating from VMware

A migration away from VMware is more than just a technical decision—it impacts business continuity, IT strategy, and long-term innovation. Here are the five most important factors to consider:

### 1. Long-Term Viability of the Platform

With Broadcom's changes to VMware's licensing model and support structures, IT leaders must ask: Will VMware continue to meet business needs in five years? The right alternative should be backed by a vendor committed to ongoing development and innovation, ensuring that organizations don't face another forced migration

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in the near future. They already are not meeting the same level of support and this matches Broadcom's reputation

## 2. Total Cost of Ownership (TCO) and ROI

VMware's licensing changes have made cost a major factor in migration decisions. Alternative platforms, such as Nutanix or Microsoft Hyper-V, offer different pricing models that can significantly lower long-term expenses. Businesses must consider software costs, hardware investments, and operational efficiency gains when selecting a new platform.

## 3. Infrastructure Modernization Opportunities

A move away from VMware presents a chance to embrace new IT models, including hyperconverged infrastructure (HCI) and hybrid cloud environments. Solutions like Nutanix provide an all-in-one approach, integrating compute, storage, and networking into a single platform. This shift can simplify management, enhance scalability, and improve performance. Customers that have aging storage infrastructure are prime choice to move to Nutanix; not only can they get an easier to manage system, they can down size on rack space, and often spend, at the same time.

## 4. Compatibility with Existing Applications & Skills

A seamless transition depends on ensuring workloads remain compatible with the new platform. For businesses deeply invested in Microsoft technologies, Hyper-V may be the easiest transition, leveraging existing expertise in Windows Server and PowerShell. Smaller organizations may find XCP-ng (Xen-based) an attractive, cost-effective option.

## 5. Migration Complexity and Downtime Risks

The biggest roadblock to virtualization migration is often the perceived complexity of the transition. Downtime, data loss, and business disruptions are major concerns. The right migration strategy—leveraging automated tools, phased rollouts, and expert guidance—can minimize these risks.

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## Planning Your Migration: What to Expect

A successful migration requires careful planning and execution. Key steps include:

**Assessment:** Conduct a full inventory of workloads, dependencies, and infrastructure needs.

**Platform Selection:** Choose the right alternative based on cost, performance, and business objectives.

**Pilot Deployment:** Test the new environment with non-critical workloads before a full-scale migration.

**Data & VM Migration:** Use proven migration tools and methodologies to minimize downtime.

**Optimization & Support:** Ensure IT teams are trained and that the new platform is fully optimized.

## How TWE Makes Your Migration Seamless

TWE helps businesses navigate the complexities of migrating away from VMware. Our expert engineers assess, plan, and execute migrations with minimal disruption, ensuring a smooth transition to your ideal virtualization platform. Whether you choose Nutanix for hyperconvergence, Microsoft Hyper-V for seamless Windows integration, or XCP-ng for an open-source approach, TWE provides:

- Full migration planning and execution
- Minimized downtime with automated migration tools
- Platform-agnostic guidance tailored to your needs
- Post-migration optimization and support

**Take control of your virtualization strategy today.** Contact TWE for a consultation and discover how to modernize your infrastructure with confidence.

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**1-888-535-9570**

### About TWE Solutions

[twe-solutions.com](https://twe-solutions.com)

TWE Solutions is the only IT partner that combines a security-first approach with co-managed technology services, seamlessly integrating with your staff to manage infrastructure, firewalls, cloud systems, and endpoints. With highly certified, U.S.-based engineers, TWE brings unmatched expertise to secure your technology and streamline operations, keeping your business efficient, scalable, and compliant.

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