



# Weighing Your VMware Options

Azure VMware Solution  
Azure Migrate  
Azure Stack HCI

 proarch

If you are looking for ways to leverage Azure cloud services for your VMware workloads, you have three options to consider. Azure VMware Solution (AVS), Azure Migrate, and Azure Stack HCI can help you achieve different goals, depending on your needs and preferences.

Use this guide to compare these options and to help choose the best one for your organization.

And if you need more help, ProArch is a VMware reseller and a Microsoft partner who can help you figure out the right option for your organization.

Criteria	Azure VMware Solution	Azure Migrate	Azure Stack HCI
Purpose	Lift and shift existing VMware workloads to Azure	Assessment and migration planning to Azure	Hybrid cloud and hyper-converged infrastructure
Use Case	<ul style="list-style-type: none"> <li>Extend VMware environments to Azure</li> <li>Disaster recovery</li> <li>Datacenter exit</li> </ul>	<ul style="list-style-type: none"> <li>Discover, assess, and migrate</li> <li>Optimizing cloud readiness</li> <li>Cost analysis</li> </ul>	<ul style="list-style-type: none"> <li>Modernize datacenter</li> <li>On-premises or edge computing</li> <li>Integration with Azure services</li> </ul>
Compatibility	Supports existing VMware tools (vSphere, vSAN, NSX)	Supports various platforms and tools (VMware, Hyper-V, Physical servers)	Runs Windows and Linux VMs, Kubernetes containers

Criteria	Azure VMware Solution	Azure Migrate	Azure Stack HCI
Migration Approach	Minimal changes to existing VMs and operations (Lift-and-Shift)	Detailed assessment and phased migration (Rehost, Refactor, Replatform)	Requires planning and potential redesign (Rehost, Refactor)
Performance	Similar performance to on-premises VMware (Managed by Azure)	Dependent on Azure service chosen (IaaS, PaaS, SaaS)	Local performance, optimized for on-premises and edge workloads
Management	Managed by Azure with VMware tools	Requires planning and management (Azure Management tools)	Managed on-premises with integration into Azure services
Cost	Operational expenses (OpEx) (Subscription-based licensing)	Potentially lower cost with Azure-native services (Varies by architecture)	Capital expenses (CapEx) and operational expenses (OpEx) (Hardware + Azure integration)
Control	High control with existing VMware tools (Managed by Azure)	Complete control during migration planning and execution	Complete control on-premises (Azure hybrid capabilities)

Criteria	Azure VMware Solution	Azure Migrate	Azure Stack HCI
Scalability	Scalability to match Azure's capabilities	Scales with Azure-native solutions	Scales with local infrastructure and Azure integration
Security	Azure's security, combined with VMware's existing security policies	Leverages Azure security best practices and services	Local security with integration into Azure's security services
Support for Existing VMware Features	Full support for VMware features (vSphere, vSAN, NSX)	Limited to migration phase (Some features may need adaptation)	Limited to initial migration (Requires feature adaptation for HCI)
Deployment Time	Quick deployment for existing VMware environments	Involved, depending on complexity (Detailed planning and testing)	More extended deployment for infrastructure setup and integration
Ideal For	<ul style="list-style-type: none"> <li>• Companies wanting to minimize disruption</li> <li>• Organizations needing VMware extension</li> </ul>	<ul style="list-style-type: none"> <li>• Companies planning detailed cloud migration</li> <li>• Optimizing workloads for Azure</li> </ul>	<ul style="list-style-type: none"> <li>• Companies wanting a hybrid solution</li> <li>• Organizations with edge or specific on-premises requirements</li> </ul>

# Real-World Scenarios

## Azure VMware Solution

Financial Services

**Why Suitable:** Financial services often need to extend their VMware environments to the cloud with minimal disruption.

Azure VMware Solution allows for disaster recovery, compliance adherence, and maintaining operations with familiar VMware management tools. The solution supports sensitive data handling and seamlessly integrates existing policies and procedures.

## Azure Migrate

Retail & E-commerce

**Why Suitable:** Retail and e-commerce businesses benefit from assessing and migrating their applications to optimize for performance and cost.

Azure Migrate provides a structured approach to evaluate and plan the migration of workloads to Azure, which can help modernize their infrastructure, enhance customer experience, and leverage cloud-native capabilities for scaling during peak shopping seasons.

## Azure Stack HCI

Manufacturing & Industrial

**Why Suitable:** Manufacturing and industrial companies often require local, high-performance computing for processing large datasets and running IoT applications.

Azure Stack HCI offers on-premises solutions that integrate with Azure for hybrid scenarios, providing the flexibility to manage critical operations locally while leveraging cloud benefits for data analytics, machine learning, and other advanced capabilities.

START HERE

Are you looking to extend your existing VMware environment with minimal disruption?

YES

NO

Azure VMware Solution

Are you looking for detailed assessment and phased migration to optimize and modernize applications?

YES

NO

Azure Migrate

Are you looking for an on-premises or edge computing solution with local performance and Azure Integration?

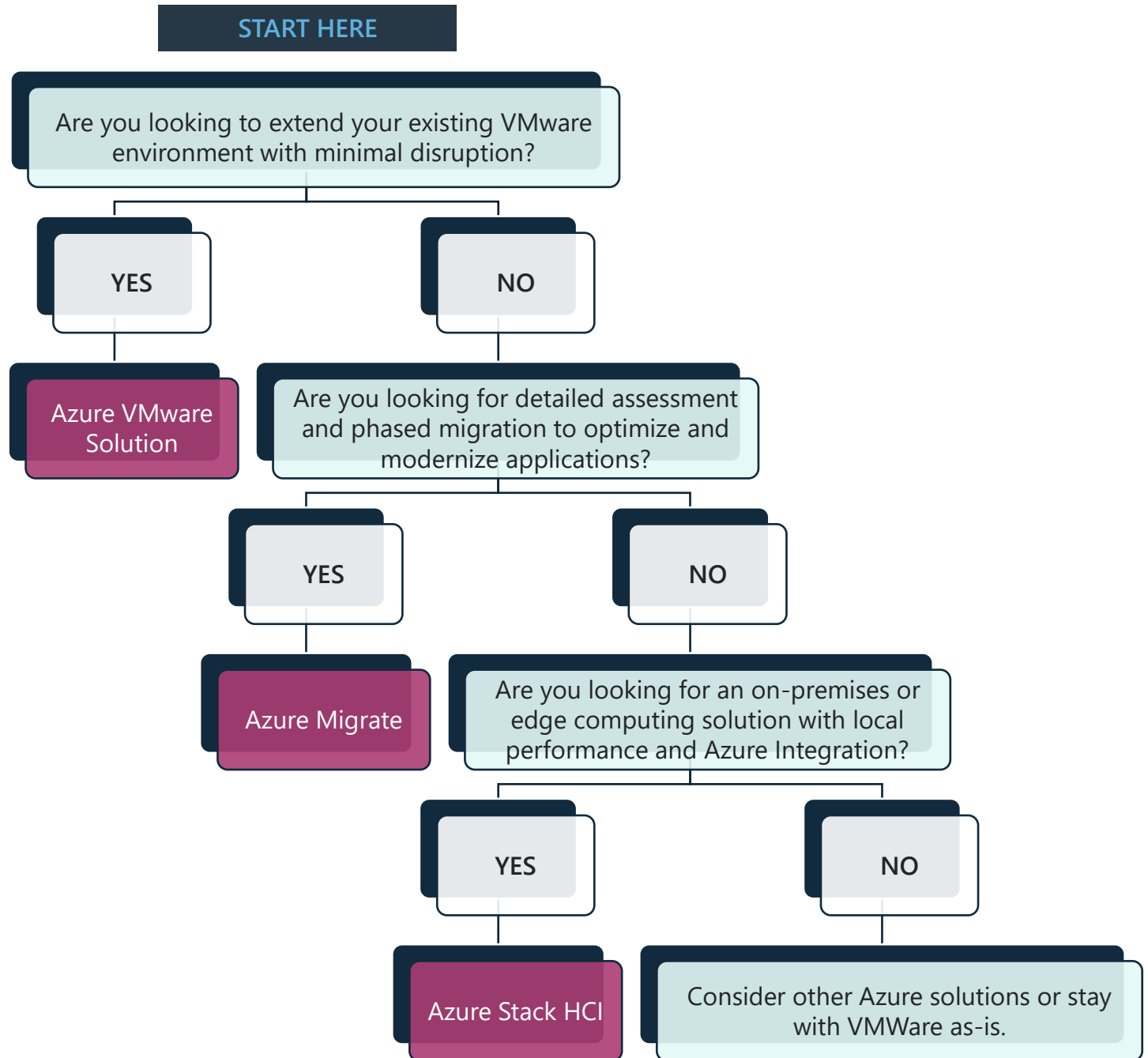
YES

NO

Azure Stack HCI

Consider other Azure solutions or stay with VMWare as-is.

# Find Out What Is Right for You



By moving workloads to the cloud, you gain a greater level of security through native Azure security services. For companies already on Windows Server or Microsoft SQL Server, a move to Azure can enable a significant reduction in CapEx costs by taking advantage of savings available from Microsoft.

If you're looking for guidance through this process, ProArch is a VMware reseller under the new agreement and a Microsoft Solutions Partner with deep Azure experience.

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