Lenovo VM Migration Services

Put your vision in your hands

Free your business with smarter hybrid cloud solutions that offer more choice, less risk and limitless innovation.

Smarter technology for all

Lenovo

Hybrid cloud without compromise

Do you feel stuck? Are your hybrid cloud capabilities limited? Many businesses find it challenging to adopt different virtualization platforms right now. The lack of flexibility can not only limit innovation today but also get in the way of your long-term business vision.

You might also be facing complexity. Workloads scattered across different silos that are difficult to shift, scale and right-size to your needs. The rigidity that comes from complex hybrid cloud infrastructure reduces choice and control – while creating challenges around cost, risk and security. All these issues can slow a business down – but it doesn't have to be like that.

Lenovo VM Migration Services is here to help. We can help you quickly adopt software from our partners like Nutanix, Microsoft and Red Hat.

Then Lenovo TruScale for Hybrid Cloud can help you manage it. We free your capabilities with flexible hybrid cloud solutions. Built on industry-leading technology that can be fully managed on-premises, our solution lets you run workloads seamlessly, securely and wherever you need them. You can also drive efficiency with pay-as-you-go consumption that is always right-sized. This way, you can meet all your hybrid cloud needs from a single vendor.

Get the choice, flexibility and freedom to use hybrid cloud as a springboard – not a barrier – for innovation.

83%
of CIOs worry they don't have enough resources to invest effectively in innovation.

81%
of CIOs are focused on making their tech stack and teams more agile and resilient.

Source: Lenovo Global Study of CIOs 2023

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Services to unlock your business vision

Lenovo TruScale for Hybrid Cloud provides businesses with a single foundation for limitless innovation. By uniting your workloads in one flexible platform, you can reduce complexity and get the freedom to progress your business as you see fit.

Interested in adopting Lenovo TruScale for Hybrid Cloud? We offer end-to-end services across migration planning, execution and legacy system decommissioning. This will allow you to remove any limitations and ensure nothing stops your vision for success.

Who is this ideal for?

Lenovo TruScale for Hybrid Cloud is right for you if:

- Your hybrid cloud strategy is held back by circumstances out of your control.

- You plan to quickly move to a leading virtualization platform like Nutanix, Microsoft, VMware or Red Hat.

- Your datacenter requires a refresh or digital modernization.

- You require industry-leading toolsets in your current hybrid cloud environment.

- You need to reduce your CapEx spend and move toward an as-a-Service model.

We can achieve this in three steps:

1. **Assess**
With Lenovo VM Migration Assessment

2. **Migrate**
With Lenovo VM Migration Services

3. **Innovate without limits**
With Lenovo TruScale for Hybrid Cloud

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Evaluate your environment to ensure a seamless migration

Every infrastructure deployment is different – each with its own dependencies and mission-critical functions. That's why it's crucial to thoroughly assess your virtual machine (VM) environment to ensure migration to your new virtualization platform goes smoothly.

We can help with the Lenovo VM Migration Assessment Service. Our trusted experts can evaluate your current infrastructure, create the right migration strategy and, ultimately, recommend the best approach to meet your objectives.

How our experts will help:

Define and plan project

- Define project objectives and scope.
- Engage the right stakeholders and establish the core team.
- Confirm project management protocols.
- Schedule start of the project.

Assess your current environment

- Evaluate current virtual machine infrastructure and migration viability.
- Confirm VM environment hardware and software.
- Document applications, workloads and dependencies.
- Create "as is" map of your infrastructure.

Recommend the right action plan

- Confirm business needs and technical requirements.
- Evaluate target platform options.
- Determine VM migration strategy.
- Design "to be" best-practice migration approach.

2. Migrate

Make a smooth move to your new platform

After your environment is fully assessed, you can start the migration process. But we know this is no simple task. From planning to deployment, many factors must be addressed to minimize the risk of anything going wrong.

That's where the **Lenovo VM Migration Services** come in. We offer all the support you need to make your migration a success – including risk assessment, detailed roadmaps, rigorous testing and validation.

How our experts will help:

Plan your migration

- Develop a detailed migration roadmap.

- Identify risks, prerequisites and dependencies.

- Establish backup and data protection measures.

Migrate and validate

- Execute the migration and configuration of virtual machines and associated data.

- Rigorously test and validate the functionality and integrity of the migrated virtual machines.

Offer ongoing management

- Provide managed services for ongoing operation of your migrated workloads.

Migration pathways to our virtualization platform partners

Whatever your goal, we can build a path forward that works for you. Lenovo VM Migration Services offers multiple migration pathways from on-premises to cloud – so you can move to your new virtualization platform with ease.

For instance, here are the migration options we offer from VMware to Nutanix as one example:

On-premises migration pathways from VMware to Nutanix

- From VMware software running on traditional three-tier infrastructure (separate servers, storage and networking) to Nutanix.

- From a VMware vSAN environment to Nutanix.

- From another hyperconverged infrastructure (HCI) environment running VMware (like Dell or HPE) to Nutanix.

Our virtualization platform partners

Offerings in the Lenovo TruScale for Hybrid Cloud portfolio:

NUTANIX

Microsoft

vmware®

Red Hat

Free the full potential of hybrid cloud

Now you have migrated, you can experience the benefits of Lenovo TruScale for Hybrid Cloud. Our flexible solution lets you run your workloads where you need them and when you need them – securely and efficiently. It puts your vision in your hands so you never feel stuck in rigid infrastructure.

Lenovo TruScale

Less risk, more innovation

Accelerate innovation with access to the latest technology and industry-leading solutions. Experience greater security and control through a no-risk, no-surprise, pay-as-you-go consumption model.

Flexible commitment, simple scaling

We offer a low minimum commitment with no hidden costs. Easily scale and provision new capabilities without incremental capital investments. This keeps you ready for peak business performance and growth.

Right-sized, all the time

Your infrastructure is tailored to your organization's needs, so you get the full cloud experience that you need. Better yet, it can help progress your sustainability strategy. Optimizing your datacenter with Lenovo TruScale IaaS can help reduce CO2e and power by up to 20%.*
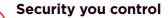
Full maintenance, support and management

End-to-end services including assessment, migration, 24/7 monitoring, managed services and incident support.

Realize value faster

Get up and running with minimal upfront capital costs. We combine hardware, software, services and management into a single solution with a predictable and affordable regular fee – meaning you see value on your investment faster.

Security you control

Get the peace of mind and benefit of physical on-premises security, capacity control and protection of your data.

*Source: TruScale IaaS accurately reports on power and CO2 emissions allowing managed infrastructures to be designed, implemented and tuned not only for performance and capacity but also for CO2 emissions. Ongoing monitoring of the system using Lenovo XClarity Power Monitor and systems performance figures are used to optimize power consumption by the infrastructure. CO2 emissions will be calculated based on the localized carbon footprint of the power source used.

Added value of Nutanix

Lenovo TruScale for Hybrid Cloud with Nutanix blends our best-in-class ThinkAgile HX HCI platform with Nutanix's industry-leading software. It is a hyperconverged infrastructure cluster solution that hosts virtualized compute, storage and networking alongside a hybrid cloud management platform. This delivers simple and seamless support for hybrid cloud from a single solution. Take advantage of the cost and flexibility benefits of the full cloud experience – while managing your workloads with ease.

Power and flexibility
with _Nutanix Cloud Infrastructure_

Power your business with advanced cloud technologies and streamline how you procure, deploy and manage IT services. Enjoy support for multiple public clouds and hypervisors (like Nutanix AHV, VMware ESXi, Microsoft Hyper-V and more).

Simplified management
with _Nutanix Prism_

Achieve faster and simpler IT operation with one-click planning, provisioning, insights and firmware updates. Leverage the time and cost-savings of ThinkAgile HX to enable your IT to focus on innovative solutions for your business.

Advanced cybersecurity
with _Nutanix Flow Network Security_

Gain full visibility of your virtual network, microsegmentation and application-centric protection from network threats, malware and ransomware. Complete security and compliance monitoring ensures you minimize cyber risk.

Compatibility that's smarter

Nutanix's modular approach means it is easily compatible with other virtualization platforms, ensuring a connected hybrid cloud solution.

How we've helped other businesses

Building better experiences for citizens in the public cloud

"With the Lenovo ThinkAgile HX platform, we can run these mission-critical [data and analytics] applications with complete confidence"

Octavio Gonzalez Loza,

Director General of Information Technologies, Jalisco State Government

Learn more ->

The Challenge

To enhance citizen experience, Jalisco State Government needed to make some big changes behind the scenes to enable smooth service delivery. That included major IT system migration – aimed at centralizing dozens of government agencies on a single hybrid cloud infrastructure.

The Solution

The Jalisco State Government chose Lenovo and Nutanix to unite its traditional 3-tier compute, storage and network into one hyperconverged (HCI) platform. With the help of Lenovo Managed Services and Premier Support, the organization centralized core government services on two Lenovo ThinkAgile HX series clusters, comprising 42 compute and storage nodes – supporting 295 virtual machines.

The Results

>70% of government services supported by Lenovo-Nutanix HCI

Faster delivery of modern citizen services

Less cost and complexity by using a unified cloud platform

How we've helped other businesses

JUSTONE solutions

Outperforming rivals to win new business

"Thanks to Lenovo TruScale IaaS, we outcompeted some of the world's largest public cloud providers, which would have been unthinkable before"

Miguel Reyes,

President and Director, JUSTONE Solutions

Learn more ->

The Challenge

As more companies begin their journey to the cloud, JUSTONE Solutions wanted to help a large enterprise transition away from on-premises platforms to reduce costs, improve information security and enable limitless scalability.

The Solution

With our dedicated **Lenovo TruScale** Infrastructure-as-a-Service team, JUSTONE Solutions designed a hyperconverged infrastructure solution for client's VDI environment. It comprised of 40 nodes of Lenovo ThinkAgile HX 3000 series, networked with NVIDIA Mellanox InfiniBand switches and deployed at KIO Networks – one of Mexico's largest cloud service providers.

The Results

Rapid scalability
through IaaS

20% lower cost
than rivals

Simple management
with centralized management

The vision is yours.
Get there **with Lenovo.**

Ready to take control of your
hybrid cloud?

Learn more <u>here</u> or contact us at
truscale@lenovo.com

**Smarter
technology
for all**

Lenovo