

Modernize at your own pace with IBM Fusion

Free your IT architecture and applications from legacy VM constraints.

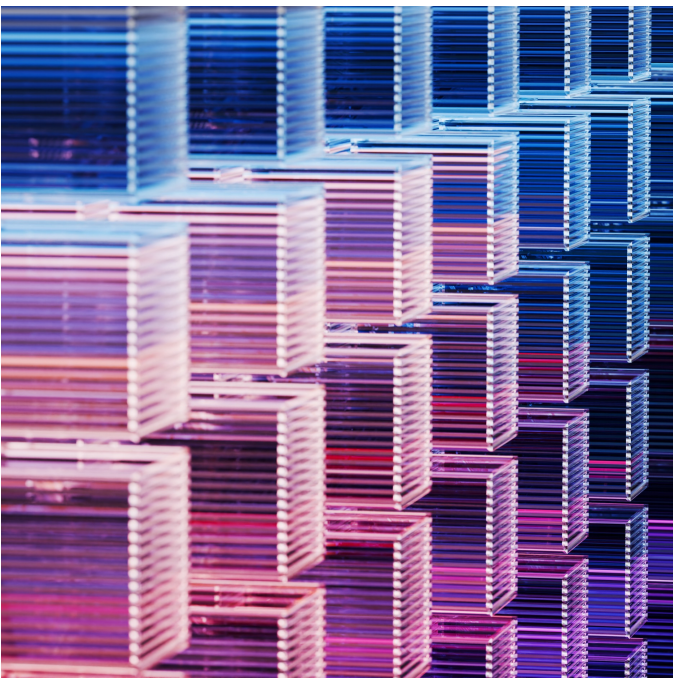
Traditional virtual machine (VM) infrastructure is quietly holding your business back.

Unpredictable cost increases have pushed virtualization platforms under CFO scrutiny, while orphaned VM sprawl continues to drain compute, storage, and budget through idle and orphaned workloads. At the same time, fragmented hypervisors, storage, and tooling are driving higher operational overhead, and modern AI workloads don't fit cleanly into legacy VM platforms.

The impact on enterprise-scale organizations is significant:

- **Idle VM sprawl drives inefficiency**, with legacy environments that are less resource-efficient than modern container platforms.
- **Rising licensing, maintenance, and hardware costs**, amplified by idle and over provisioned VMs—increase unnecessary spend.
- **Legacy VM architectures slow time to market**, reduce development velocity, and delay innovation.
- **VM-heavy environments complicate AI/ML adoption** and hybrid strategies, while legacy skills gaps grow.
- **Aging systems increase reliability, security, and compliance risk** through outages and unpatched vulnerabilities

Rather than disruptive “rip-and-replace” efforts, enterprises are favoring gradual modernization approaches that rehost or replatform VMs to preserve critical workloads while enabling modernization progress.



IBM Fusion reframes VM modernization from a painful escape to a strategic advantage: VMs don't get abandoned overnight but are gradually elevated—you upgrade their environment to an intelligent application data platform that evolves with your business at your own pace. This “bridge” approach minimizes risk, maximizes reuse of existing skills/investments, and positions the enterprise for a gradual transformation towards a hybrid, AI-integrated reality.

Rehost – replatform – refactor, at your own pace and on your own terms.

Create a controlled evolution path rather than a forceful revolution—allowing you to modernize at your own pace and on your own terms, preserving business continuity while steadily unlocking efficiency, cost savings, and innovation.

Step 1	Assess	Inventory VM estate and identify low-risk migration candidates.
Step 2	Rehost	Migrate VMs to IBM Fusion using zero-downtime live migration.
Step 3	Replatform	Run VMs and containers side-by-side on a unified application data platform
Step 4	Refactor (selectively)	Modernize applications as skills and priorities evolve.
Step 5	Optimize and innovate	Apply automated sprawl controls and integrate AI workloads.

IBM Fusion – one intelligent application data platform. Many workloads. No silos.

Purpose-built for Red Hat OpenShift and OpenShift Virtualization, IBM Fusion is an all-in-one, enterprise-proven alternative to legacy virtualization. As a unified application data platform, it manages VMs, containers, and AI workloads side by side—enabling phased modernization while addressing cost, complexity, and risk, without abandoning existing investments. Powered by Fusion HCI, it converges compute, storage, and networking with turnkey deployment, single-vendor support, and streamlined operations. IBM Fusion supports VMs today, containers tomorrow, and AI-native workloads in the future.

Why IBM Fusion?

- **Zero-downtime VM mobility:** Automatically discover, import, and live-migrate VMs using the Migration Toolkit for Virtualization (MTV), then seamlessly move them live with Fusion Access for SAN without storage replication or service disruption.
- **Lower costs with simplified architecture:** Deploy IBM Fusion directly on bare-metal, eliminating the need for a traditional hypervisor to reduce licensing costs and infrastructure overhead.
- **VM and container unification:** Run VMs and containers side by side on Red Hat OpenShift Virtualization, managed through a single platform.
- **Flexible, turnkey deployment:** Choose Fusion HCI with integrated compute, storage, and networking, or software-defined deployments for on-prem, cloud, and edge environments.
- **Enterprise-ready data services:** Automated provisioning, scaling, protection, VM sprawl reclamation, built-in security and ransomware protection, plus AI-optimized storage for high-throughput inferencing.

Flexible Deployment Options

Fusion is available as a turnkey HCI appliance, a software defined deployment on your hardware or cloud, and as a fully managed, as-a-service modern platform. The as-a-service model brings the agility of the cloud and the power of AI directly to your data center, minus the infrastructure headache, giving you the flexibility to simplify operations and accelerate containerized modernization.

Ready to modernize VMs on your terms?

IBM Fusion lets you rehost, replatform, or refactor VMs and other legacy workloads exactly when you're ready, no rip-and-replace, no forced timelines. Reclaim budget by eliminating VM bloat and hypervisor costs, boost efficiency with a single OpenShift consol, and reduce security and compliance risks through consistent enterprise-grade controls.

Start your application modernization journey with Fusion as an intelligent application data platform for hybrid agility and AI readiness.

Visit <https://www.ibm.com/products/storage-fusion> today or contact an IBM expert.

