



Connect

Beyond VMware: A Blueprint for OpenShift Virtualization and App Modernization

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Agenda:

- ▶ Rethinking the Virtualization Strategy
- ▶ Migration vs. Modernization: Choosing the Right Path
- ▶ How Red Hat Accelerates Your Journey
- ▶ Demo



Rethinking the Virtualization Strategy



Companies are rethinking their current virtualization platforms

Common concerns include:¹

- ▶ Rising licensing costs
- ▶ Management complexity
- ▶ Vendor lock-in
- ▶ Low confidence in long-term support and innovation

“70% of organizations have recently moved VM workloads to a different or additional hypervisor—or are in the process of making a switch.”¹

“More than 60% of private cloud users are pursuing alternatives to VMware”²

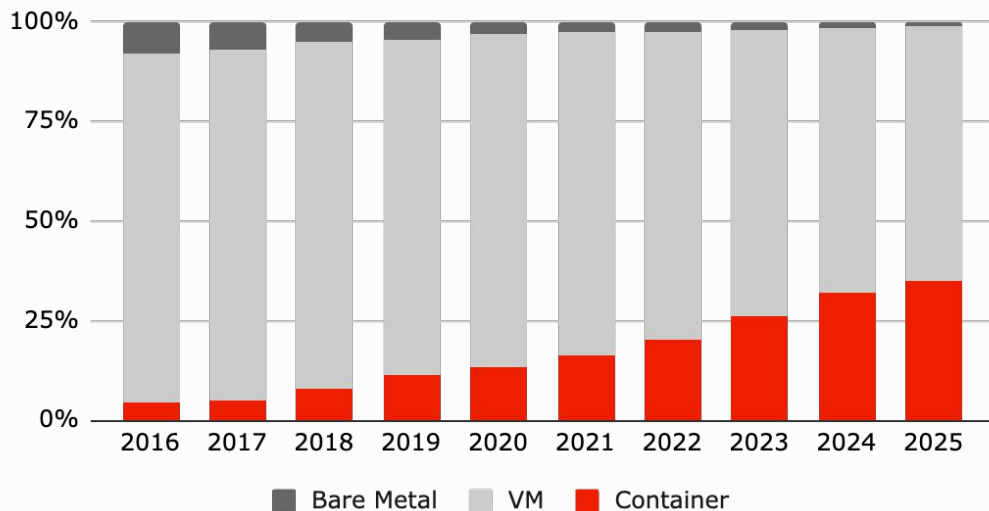
¹Source: [Red Hat State of Virtualization Report](#); May 2025

²Source: [The migration catalyst](#); May 2026

Industry Context for Virtualization Migration

Companies need to preserve their existing VM workloads while preparing for the future

Composition of Application Infrastructure 2016-2025



Organizations invested in VMware when most workloads were running on VMs. While VMs are still, and will continue to be, an important part of application infrastructure, the industry is moving towards containerization.

Market developments have created a compelling event for companies to get ahead of this trend and adopt a flexible, future-focused solution that solves their near-term virtualization requirements.

Migration vs. Modernization: Choosing the Right Path



Solve Near-Term Challenges, Invest in Long-Term Value

Efficiently migrate VMs now to reduce operating costs and unlock additional value in the future

MAINTAIN

vSphere Foundation

Stay as-is



Slow evolution



Increasing costs



Low developer productivity

MIGRATE

OpenShift Virtualization Engine

Replace VMware

Utilize Automation and Services



Dedicated VM management



Reduce operating cost



Increase IT efficiency and reliability

MODERNIZE

OpenShift

Application Modernization

Automation for Day 2 Ops



Integrate containers and VMs



Faster time to market



Higher developer output

OpenShift AI

New applications



AI/ML Management



Increase revenue



Reduce skill sprawl

Three modernization outcomes

Migration delivers the first. The next two are yours to choose – at your pace.

01

Platform

modernization

ACHIEVED – the moment you migrate

Migration alone lands you on a modern, hybrid-ready foundation.

- Predictable costs, no vendor lock-in
- Runs on-prem and across every major public cloud
- Current VMs and future workloads, one platform



02

Operational

modernization

AVAILABLE – from day one

Apply modern practices to VMs with no application changes.

- GitOps, CI/CD, and unified observability
- Ansible automation for migration and day-two at scale
- One operational model across VMs and containers



03

Application

modernization

OPTIONAL – when the organization is ready

Containerize, refactor, build for AI – on your timeline.

- Containers and microservices, when it's time
- AI-ready foundation already in place
- No second migration required

Red Hat OpenShift — one unified platform for virtual machines, containers, and intelligent workloads

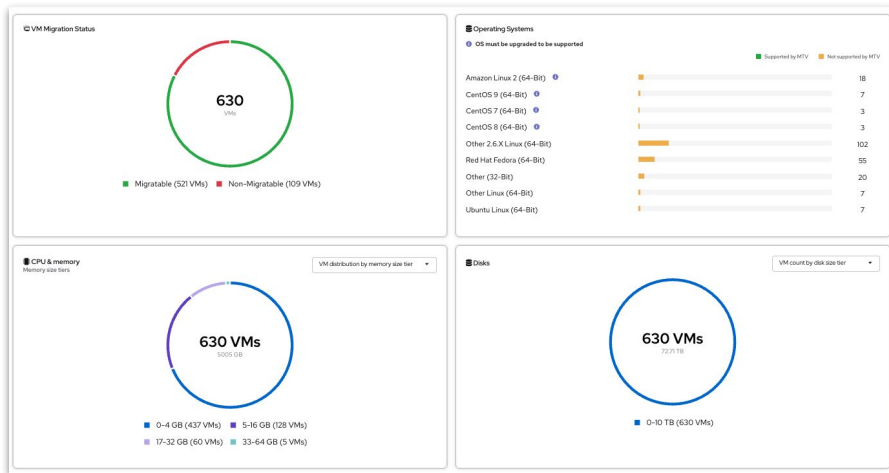
At your pace. On your priorities. One investment that keeps paying forward.

How Red Hat Accelerates Your Journey



OpenShift Migration Advisor

Assess your VMware workloads with a **no-cost** migration report



Automated, data-driven insights

Analyze VMware workloads for precise, actionable recommendations to support migration readiness



Risk-free evaluation

Gain instant access at no-cost to assess your migration path to Red Hat OpenShift



User-driven experience

Connect VMware environments and explore migration readiness at your own pace

Migration toolkit for virtualization

A suite of tools for a low-risk path forward



Guided migration planning

Simple, intuitive interface lowering barrier to entry



Concurrent migrations

Easily migrate VMs concurrently to OpenShift and between OpenShift clusters



Cold and warm migration support

Controlled downtime depending on your needs



Pre-migration validation

Run checks on VM configuration to avoid migration issues



Storage offload

Accelerate migrations with underlying storage systems versus IP network



Migration network selection

Avoid impact on other running workloads

Experience matters

How customers are engaging with us



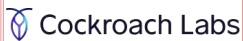
	150+	VMAs successfully complete
	200+	Virt Migration Projects in progress
	1.5M+	Total VMs assessed
	350+	Migrated VMs per day, per customer
	350K+	VMs in migration (active or planned)
	99%	VM migration success rate

A comprehensive platform...

Storage



Backup & Disaster Recovery



Networking & Security



Compute Hardware



*In progress



Cloud Providers



This is not an exhaustive list of ISV partners.

...with your existing technology partners

DEMO



Q&A



Tech Journey demos: Red Hat Security



Webinar

Desplegando una fortaleza digital: no confíes,
siempre verifica y encripta tus datos

23 de octubre de 2026, 10:00 a.m.



Webinar

Automatización y seguridad: estrategia de
remediación integral con Red Hat

13 de noviembre de 2026, 10:00 a.m.





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The logo consists of a red speech bubble shape containing the text "Red Hat" in a small, white, sans-serif font, and "Summit" in a larger, bold, white, sans-serif font below it.

Red Hat
Summit

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