

This Way to IT Infrastructure Optimization

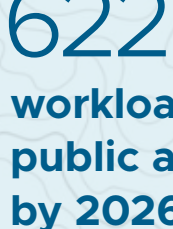
How VMware vSphere Foundation can power your journey



Navigating IT complexity can be a rocky road. **VMware by Broadcom is here to help.**

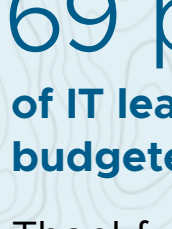
Understanding the terrain

The number of workloads running across locations has exploded in recent years, and this trend is only going to continue.



622 million workloads running across public and private clouds by 2026¹

Today's organizations are struggling to deal with the increased costs, reduced productivity, and compromised security that IT complexity brings.



69 percent of IT leaders spent more than budgeted on cloud in 2023²

Thankfully, VMware vSphere[®] Foundation can help you successfully navigate past this complexity to reach the promised land of IT infrastructure optimization.

How will you get there?

Optimizing your IT infrastructure requires a solution that **delivers four essential elements:**



1 Intelligent operations management that helps optimize the use of existing resources.



2 A high-performing infrastructure that features simplified hardware lifecycle management.



3 A developer-friendly platform that enables DevOps services and Kubernetes clusters.



4 Security and compliance features that help protect data and meet regulatory standards.

This is where **vSphere Foundation** comes in. It's the enterprise workload engine to power your organization through **the four steps of IT infrastructure optimization.**

Step 1: Boost operational efficiency



Intelligent operations management and advanced analytics help maximize capacity utilization.

- Optimize operations with visibility across compute, storage and network.
- Leverage advanced app monitoring and AI-driven troubleshooting and remediation.
- Improve ROI with tools to assess capacity and automate cost savings.

Step 2: Supercharge workload performance



Get the power to easily meet the throughput and latency requirements of modern workloads.

- Boost key workload performance by offloading system functions from CPUs to DPUs.
- Harness up to 16 physical or virtual GPUs per VM to power larger AI/ML workloads.
- Improve the ROI of your AI infrastructure with GPU-aware workload placement and load balancing.

Step 3: Accelerate innovation for DevOps



VMware vSphere Foundation provides the fastest way to get started with Kubernetes and accelerate business innovation.

- Modernize existing workloads to meet customer needs.
- Build and run new modern apps on a unified system for simplified management.
- Accelerate time-to-market by providing self-service access to DevOps and Platform Engineering teams.

Step 4: Elevate security



VMware vSphere Foundation delivers a secure-by-default infrastructure for all workload types.

- Leverage modern identity federation and secure multi-factor authentication.
- Enable governance and compliance to industry standards.
- Provide data-at-rest encryption for workloads.

Partner with a proven leader



Your journey to IT infrastructure optimization requires a partner you can trust. **More than 300,000 organizations globally run more than 85 million workloads on VMware every day, including:**

10 of the TOP 10 global banks

9 of the TOP 10 best hospitals in the world

19 of the TOP 20 global retailers

100% of U.S. federal agencies

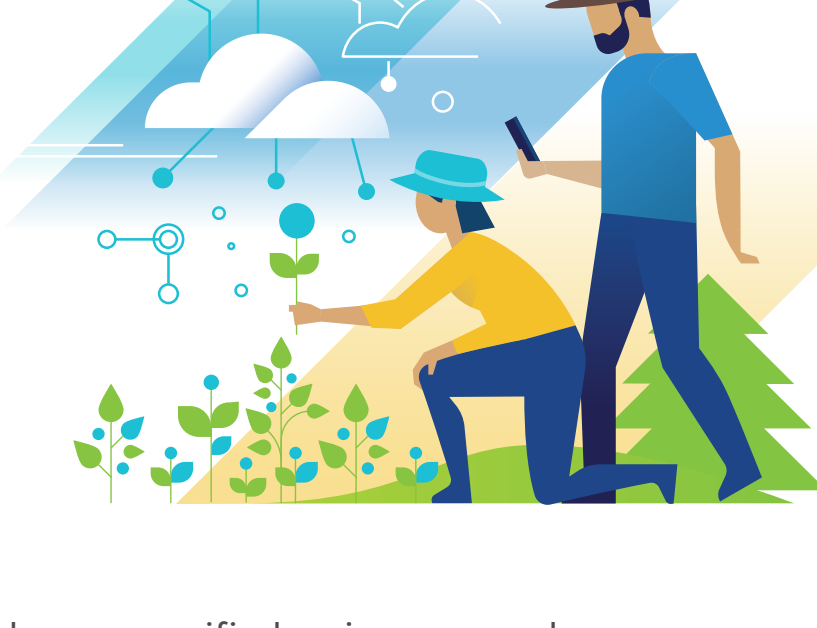
#1 in server virtualization

vSphere was ranked #1 in the G2 Enterprise Grid[®] Report for Server Virtualization, Spring 2024.

vSphere was also named a Leader in the G2 Enterprise Grid[®] Report for Container Orchestration, Spring 2024.



Go further with powerful add-ons



Leverage additional solutions to address specific business needs.



VMware vSAN[™]
The enterprise-class hyperconverged infrastructure (HCI) that delivers high performance at a lower cost.



VMware Live Recovery
The proven solution for ransomware and disaster recovery with 75 percent faster resolution to downtime.



VMware AVI Load Balancer
The API-first and self-service driven platform that provides load balancing, app security and analytics.

Start your journey today.

Ready to optimize your IT infrastructure? Let's go. Visit vsphere.com to get started.



1. Morgan Stanley, "What's New in the 'New Stack'? Our Updated Server Workload Model Forecasts 622 Million Apps by 2027," July 2023.
2. Gartner Peer Community, "2024 Cloud Spending: IT Balances Costs with GenAI Innovations," 2023.