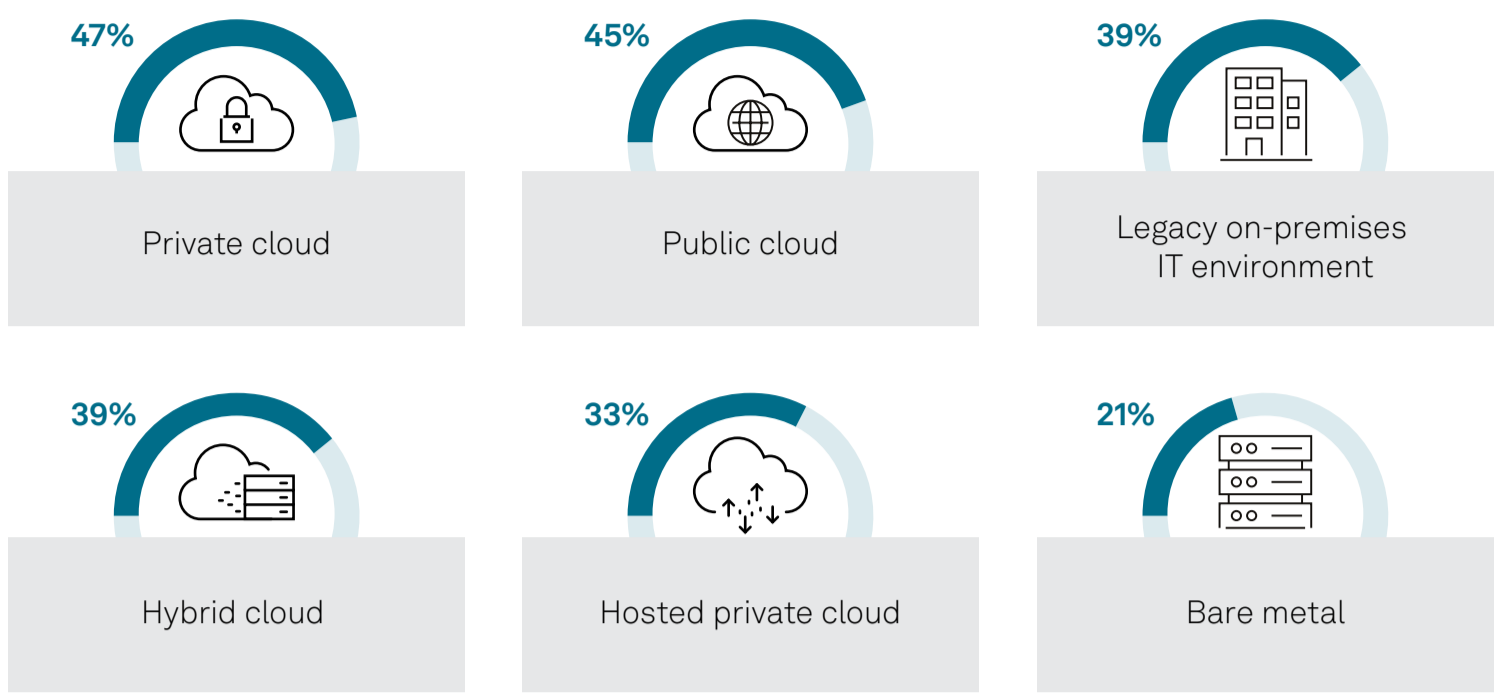


Why virtual machines remain a driving force in modern IT

Virtual machines are everywhere for a reason.

Where organizations run VMs

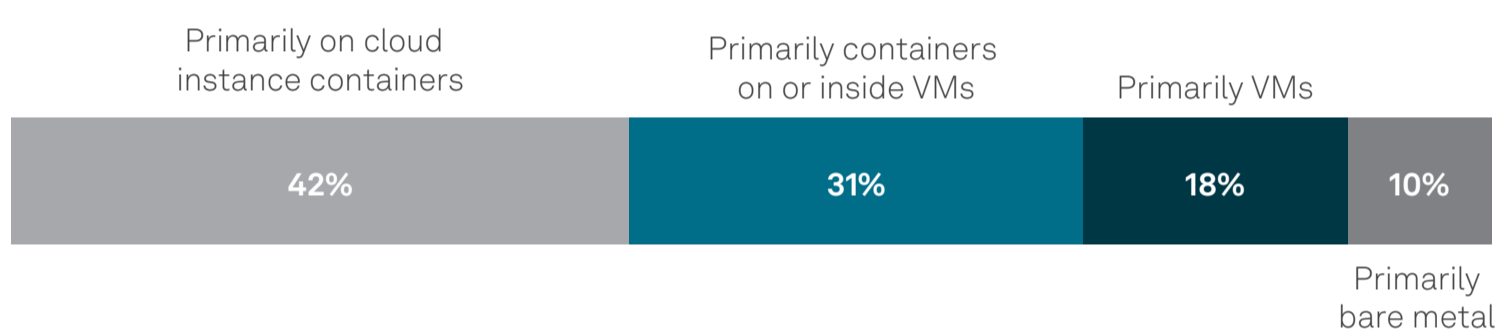


Q. In which of the following venues is your organization running VMs today? Please select all that apply.
 Base: Respondents whose organizations have server virtualization/hypervisor technology in-use at their organizations (n=175)
 Source: 451 Research's Voice of the Enterprise: Cloud Native, Server Virtualization/Hypervisor Strategy 2024

Virtualization — the ability to run multiple operating systems on a single physical machine — represents a critical bridge between legacy environments and the container-based and AI-driven deployments revolutionizing how users interact with IT.

The inherent security enabled by virtualization is a key factor behind the staying power of virtual machines in today's IT estates.

Packaging environments for modern workloads

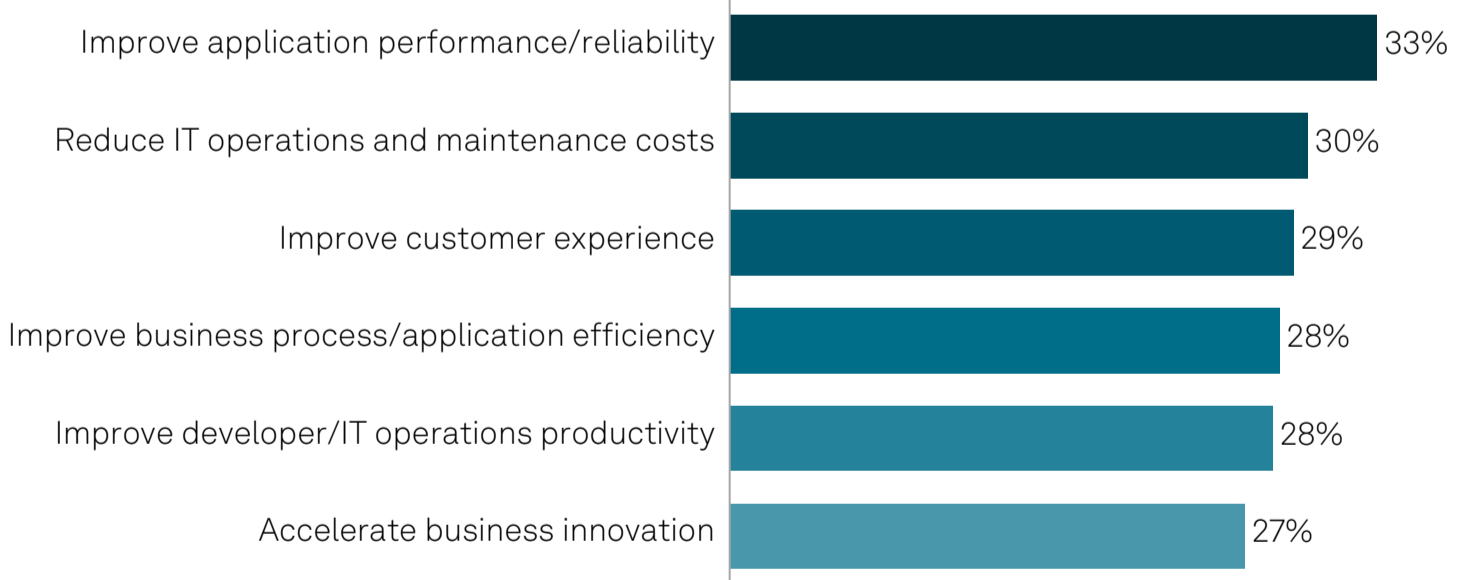


Q. What best characterizes your organization's strategy for packaging environments for modern workloads?
 Base: Current or future public cloud users (n=268).
 Source: 451 Research's Voice of the Enterprise: Cloud, Hosting & Managed Services, Application Modernization 2024.

The adaptability of VMs to diverse environments helps companies keep pace with continual and incremental changes in hardware and software design.

Enterprises are also investing to update their legacy software, which may pile up technical debt as engineers spend time on the care and feeding of custom-built mission-critical code.

Top factors motivating app modernization projects



Q. What are the main factors motivating your organization's current or recent application modernization projects? Please select up to three.
 Base: Current or future public cloud users (n=278).
 Source: 451 Research's Voice of the Enterprise: Cloud, Hosting & Managed Services, Application Modernization 2024.

Key takeaway:

By helping organizations adapt to ever-changing hardware and software systems, VM technology helps companies remain competitive in disruptive times.



VMware vSphere stands as the industry's leading virtualization platform, trusted by organizations worldwide to power mission-critical applications, simplify infrastructure management, and maximize resource utilization. As the foundation of VMware Cloud Foundation, vSphere brings together decades of innovation to support everything from traditional applications to emerging AI workloads.

For more information about vSphere, please visit [this webpage](#).