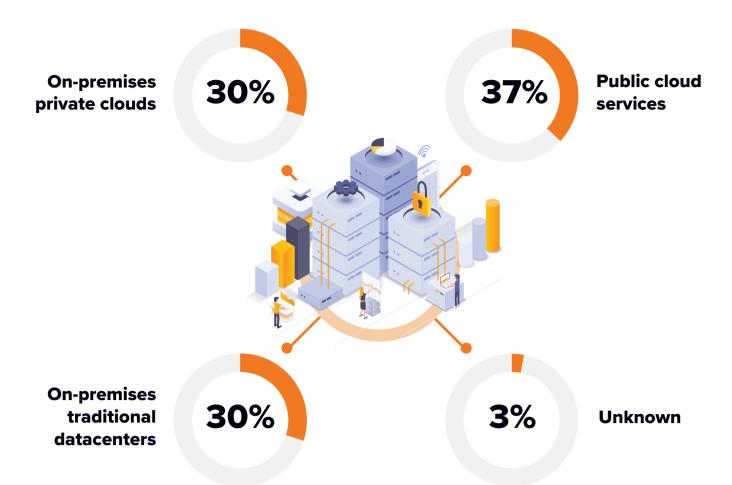
# **Building Resiliency Across** Traditional, Modern, and Disruptive IT

### Hybrid/multicloud architectures based on multiple generations of technology are the enterprise norm.

How will applications be distributed across organizations IT and cloud infrastructure in 2022?



**Enterprises expect virtual machines (VMs) and** containers to co-exist and integrate to support multiple application generations.









of enterprises plan to continue to expand VM-based workloads.

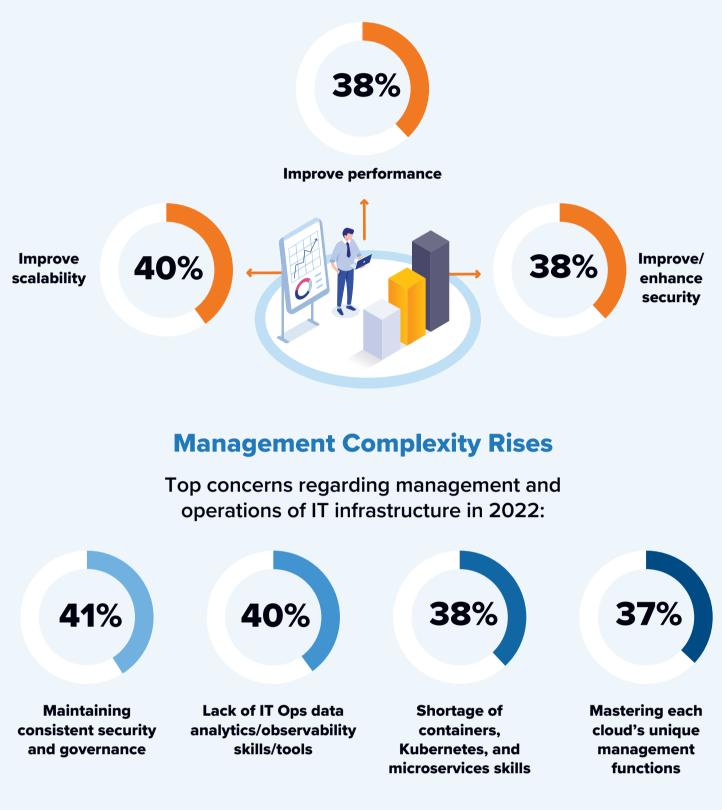
ANALYZE THE FUTURE

of enterprises are already using some form of containers.

### Many Workloads Will Migrate from One Platform to Another

Container workload sources in 2022 will include 55% net new and 45% replatformed/refactored.

> Primary drivers for migrating existing VM workloads from their current locations:

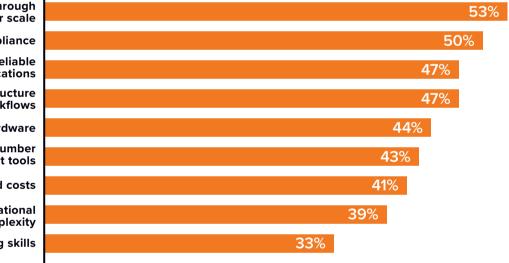


## Simplicity Is the Solution

Productivity, security, and reliability all improve by simplifying platforms and management.

> believe it is mission critical/very important to deploy VMs and containers on a single infrastructure software platform in the future.

#### Q: What are the greatest benefits of running VMs and containers on a single infrastructure software platform?



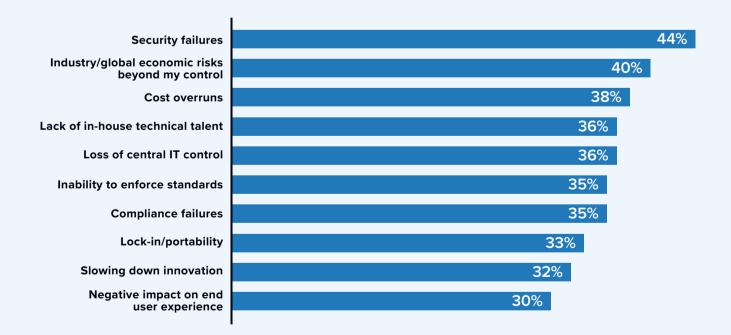
Improve IT staff productivity through consistent management at larger scale Improve security and compliance More stable and reliable infrastructure and applications Simplify developer infrastructure request/provisioning workflows More efficient use of hardware **Reduction in number** of management tools **Reduced costs** Less overalloperational complexity Reduce training/reuse existing skills

55%

### **Complexity Increases Operational Risks**

To simplify, unified teams will need to be able to define and apply consistent configurations, automation, comprehensive monitoring, and artificial intelligence/machine learning across all infrastructure resources to avoid failures.

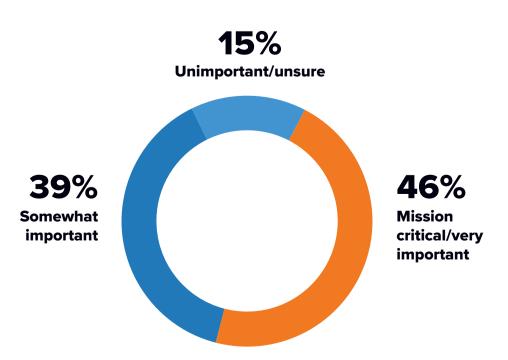
Q: What risks related to the planned transformation of your organization's infrastructure over the next two years?



### Shared Management **Control Plane Required to Overcome Operations Risks**

"IT operations must evolve and mature while taking full advantage of open source, AI/ML, software-defined automation and platforms for consistent cross-cloud infrastructure configuration, access, observability, management, and control."

Q: How important will it be to have one, common shared control plane across VMs, containers, public clouds, and on-premises infrastructure in the future?



### **Read the IDC White Paper to find out more:**

Strategies for Building Digital Infrastructure Resilency: **Global Survey Results** 

(January 2021, IDC #US47270321), sponsored by VMWare

### Message from the Sponsor

VMware Cloud, a modern Digital Business Platform built specifically for multicloud, offers a broad set of solutions that accelerates application modernization in the data center and cloud. It enables rapid migration to any cloud and unifies all new and old environments with consistent operations and security.

**Explore VMware Multicloud Solutions** 

All data sourced from: IDC White Paper, sponsored by VMWare - Strategies for Building Digital Infrastructure Resiliency: Global Survey Results, January 2021; survey participants: IT Operations decision makers from 901 enterprise scale organizations around the world across most major industries.

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