SECURING THE SHIFT
OF WORKLOADS TO PUBLIC CLOUDS

122.585.452.451.698.015

Organizations are deploying a mix of workload server types across hybrid cloud environments. Use of public cloud for applications and infrastructure is growing.
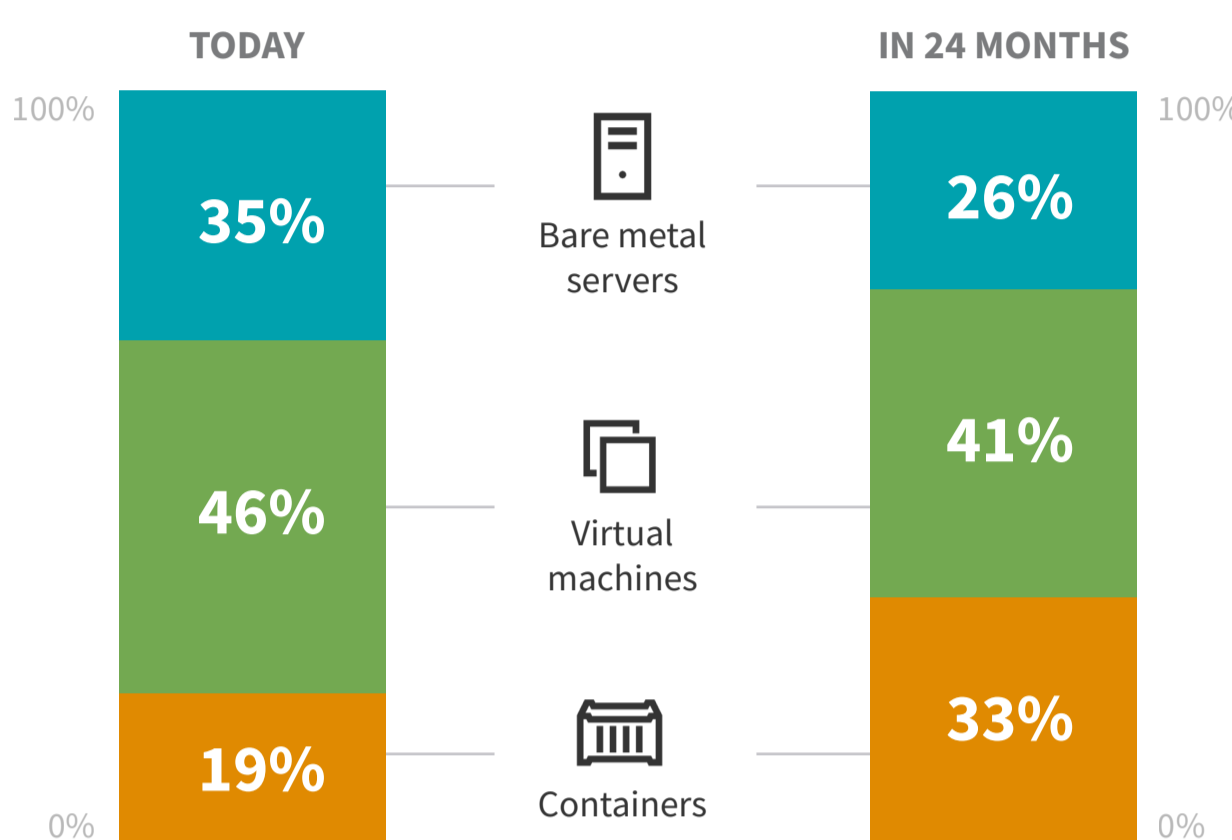
TODAY
Percentage of organizations running more than 30% of production servers on IaaS,
22%

IN 24 MONTHS
Percentage of organizations that expect to run more than 30% of production servers on IaaS,
46%

Percentage of production workloads run on each server type:

	TODAY		IN 24 MONTHS
Bare metal servers	35%		26%
Virtual machines	46%		41%
Containers	19%		33%

Complying with server configuration benchmarks is a top challenge.

Organizations are experiencing a range of difficulties securing their server workloads. Two of the three most often-cited challenges are the need to meet and maintain server configuration benchmarks and doing the same for industry regulations.

27% of respondents cited meeting and maintaining compliance requirements.

22% of respondents cited meeting and maintaining server configuration benchmarks.

Market adoption of hardened images for mission-critical systems stands at 48% and growing.

Hardened images are preconfigured to eliminate cybersecurity vulnerabilities prior to deployment. The use of hardened images reduces the potential for exploits.

55% of organizational budgets are **increasing funding** in order to support this cybersecurity best practice.

Server Hardening Driven By Compliance Requirements

49% of respondents cite assuring compliance and industry regulations/internal governance as a **primary reason** for sever hardening.

40% of respondents most report compliance with external regulations and internal governance requirements are **equally important**.

Continuous Server Monitoring Reduces Rate of Exploits Appreciably

54% of organizations continuously scanning servers for configuration issues report they have experienced **no configuration-linked incidents in the past 24 months.**

41% of organizations not employing that approach can claim the same success.

Hardened Server Images Are Available Via Marketplaces

CIS (Center for Internet Security) is an independent nonprofit organization that offers hardened server images based on its broadly adopted community-driven configuration benchmarks. CIS offers 15+ hardened (server) images that follow its broadly adopted CIS Benchmarks. These images protect against vulnerabilities introduced with misconfigured systems.

CIS Hardened Images for a variety of operating systems and containers are available from the marketplaces of major cloud services providers.

LEARN MORE

CIS Hardened Images™