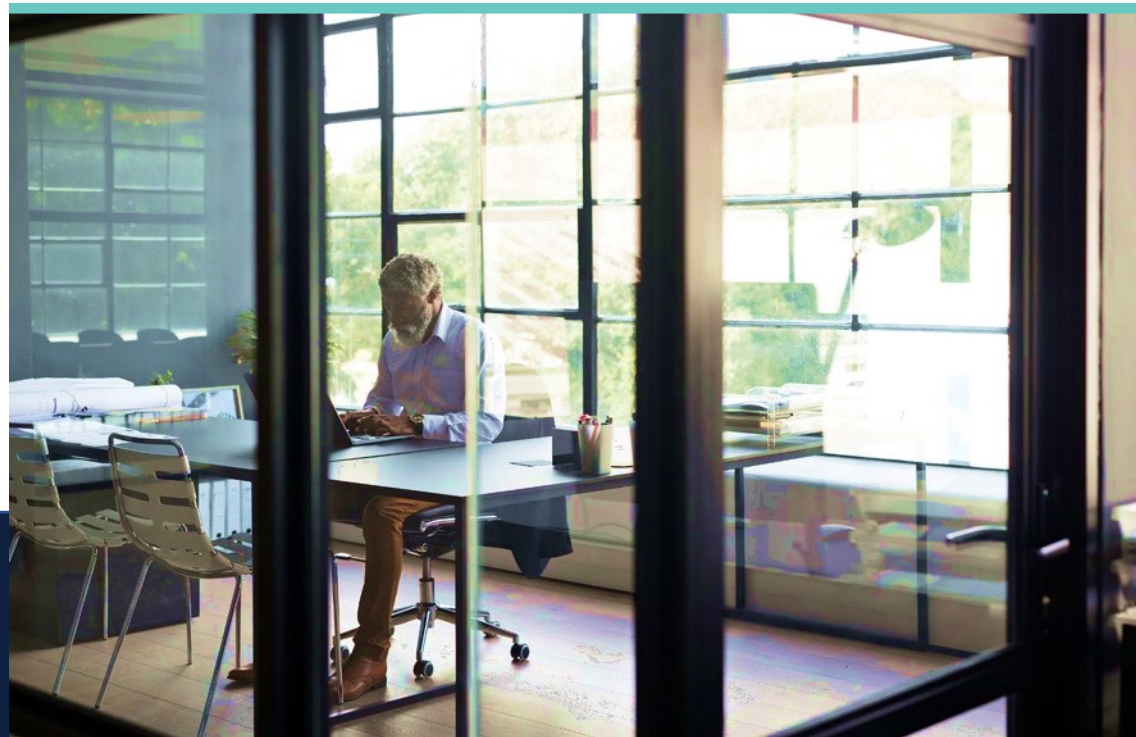# DIGITAL TRANSFORMATION TRENDS IN CONTAINERIZED ENVIRONMENTS

SUMMARY RESULTS

FEBRUARY 2023

WHO DID WE SURVEY?

Between January and February 2023, Gatepoint Research invited selected executives to participate in a survey themed *Digital Transformation Trends in Containerized Environments*.

Candidates from several industries were invited via email and 50 executives have participated to date.

Management levels represented are all senior decision-makers: 8% hold the title CxO, 10% are directors, 12% are senior or department managers, 36% are data, system, or application architects, and 34% are engineering specialists.

100% of responders participated voluntarily; none were engaged using telemarketing.

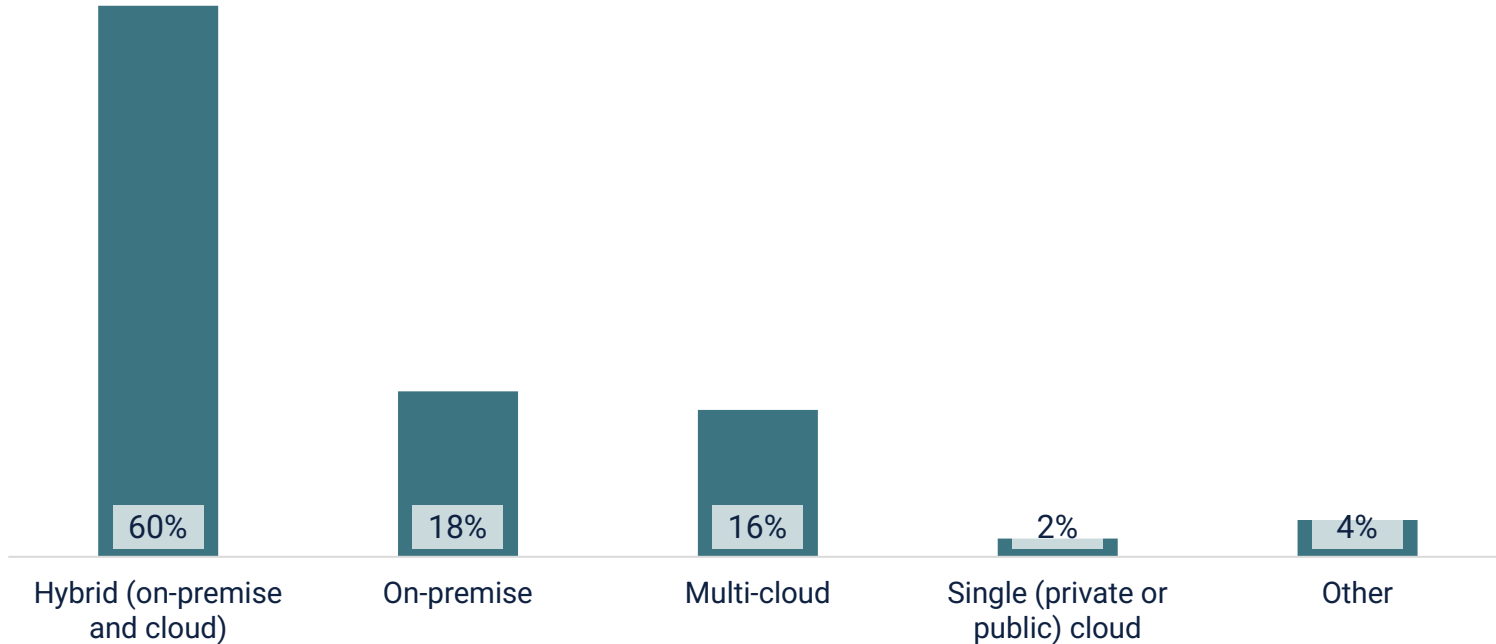Summary Results | February 2023

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EXECUTIVE SUMMARY

While enterprises are in the midst of digital transformation how are they managing their containerized environments? Without the appropriate container management platform, businesses may find the road to complete digital transformation more complicated and frustrating than it needs to be.

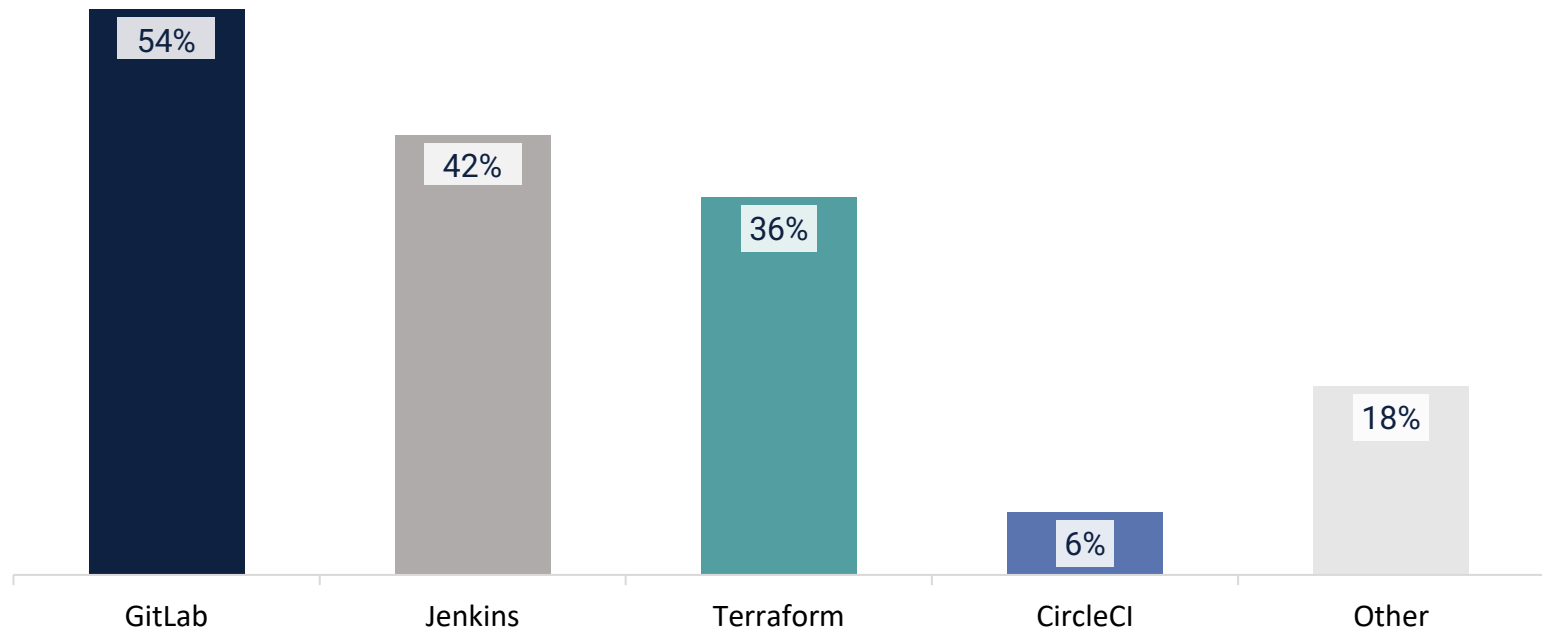This survey asks respondents to report:

- What enterprise container management platform(s) are you using or considering?

- What are or would be some of your container management concerns?

- What benefits do you or would you expect from a container management solution?

- What is the most important criterion when evaluating a container management solution?

Summary Results | February 2023

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What best describes your IT environment?

60%	18%	16%	2%	4%
Hybrid (on-premise and cloud)	On-premise	Multi-cloud	Single (private or public) cloud	Other

The majority of respondents' companies use a hybrid IT environment (60%).

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What CI/CD tools do you use in your IT environment?

Bar chart:
- GitLab: 54%
- Jenkins: 42%
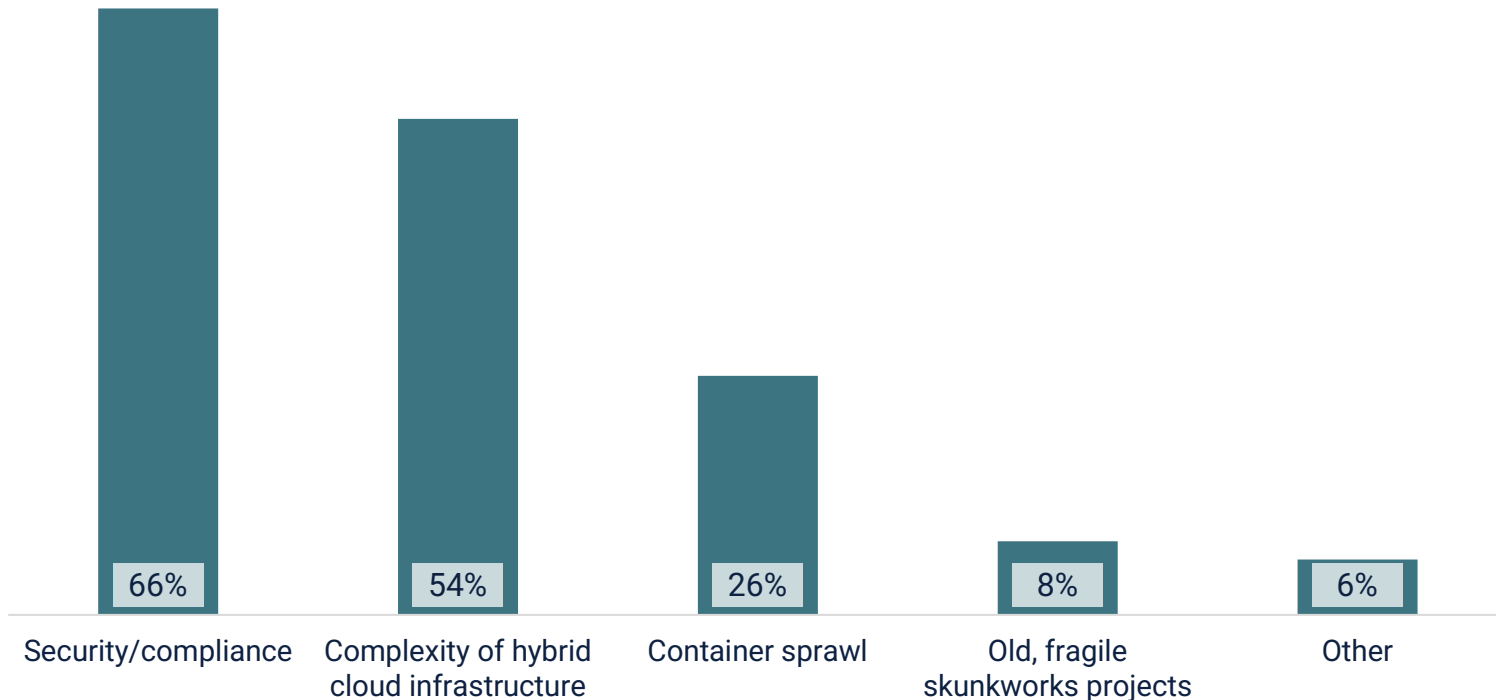- Terraform: 36%
- CircleCI: 6%
- Other: 18%

GitLab is the most commonly used CI/CD tool among survey respondents, cited by 54%. Jenkins and Terraform are in use by many as well, cited by 42% and 36%, respectively.

Summary Results | February 2023

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What enterprise container management platform(s) are you using or considering?

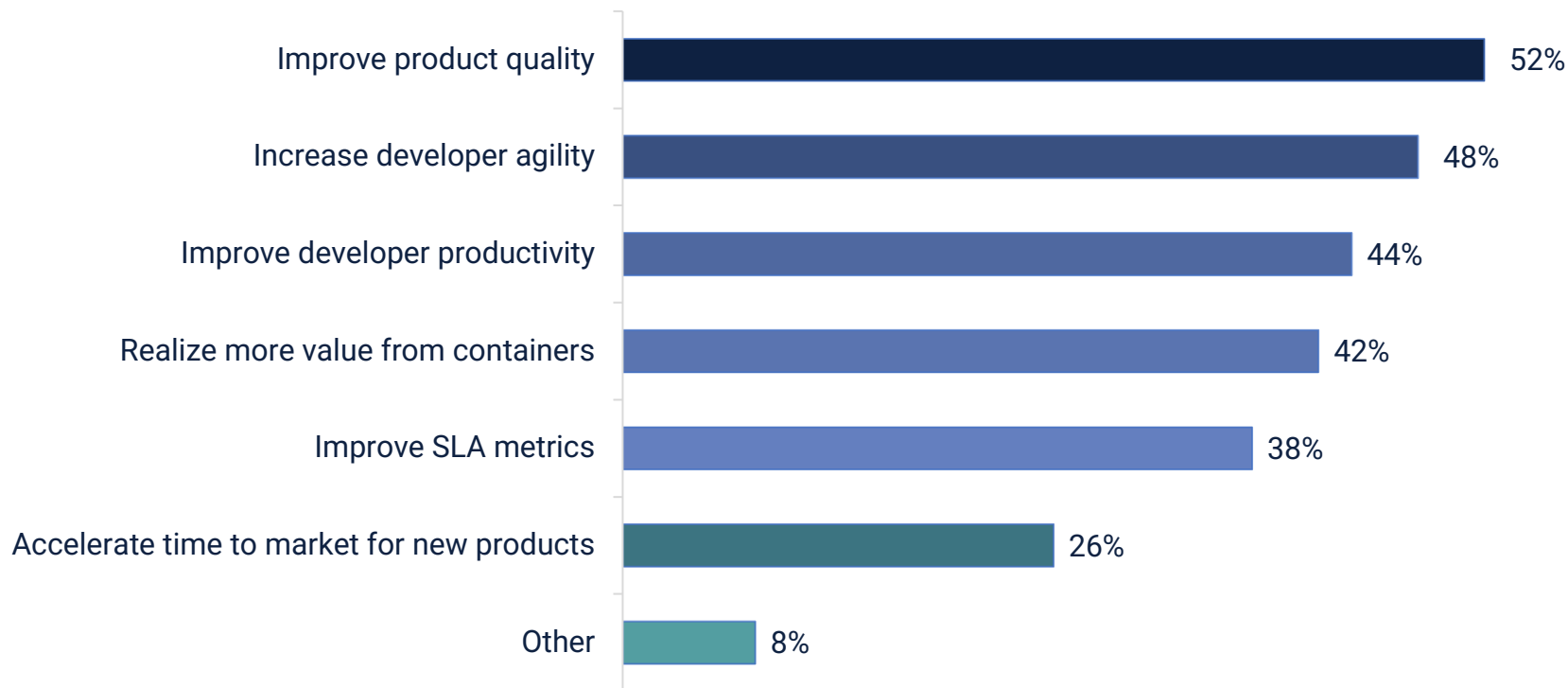| Platform	Percentage
ACS (Amazon EC2 Container Service)	48%
AKS (Azure Kubernetes Service)	32%
VMware Tanzu	28%
Red Hat OpenShift	22%
GKE (Google Kubernetes Engine)	16%
SUSE Rancher	10%
Other	14%
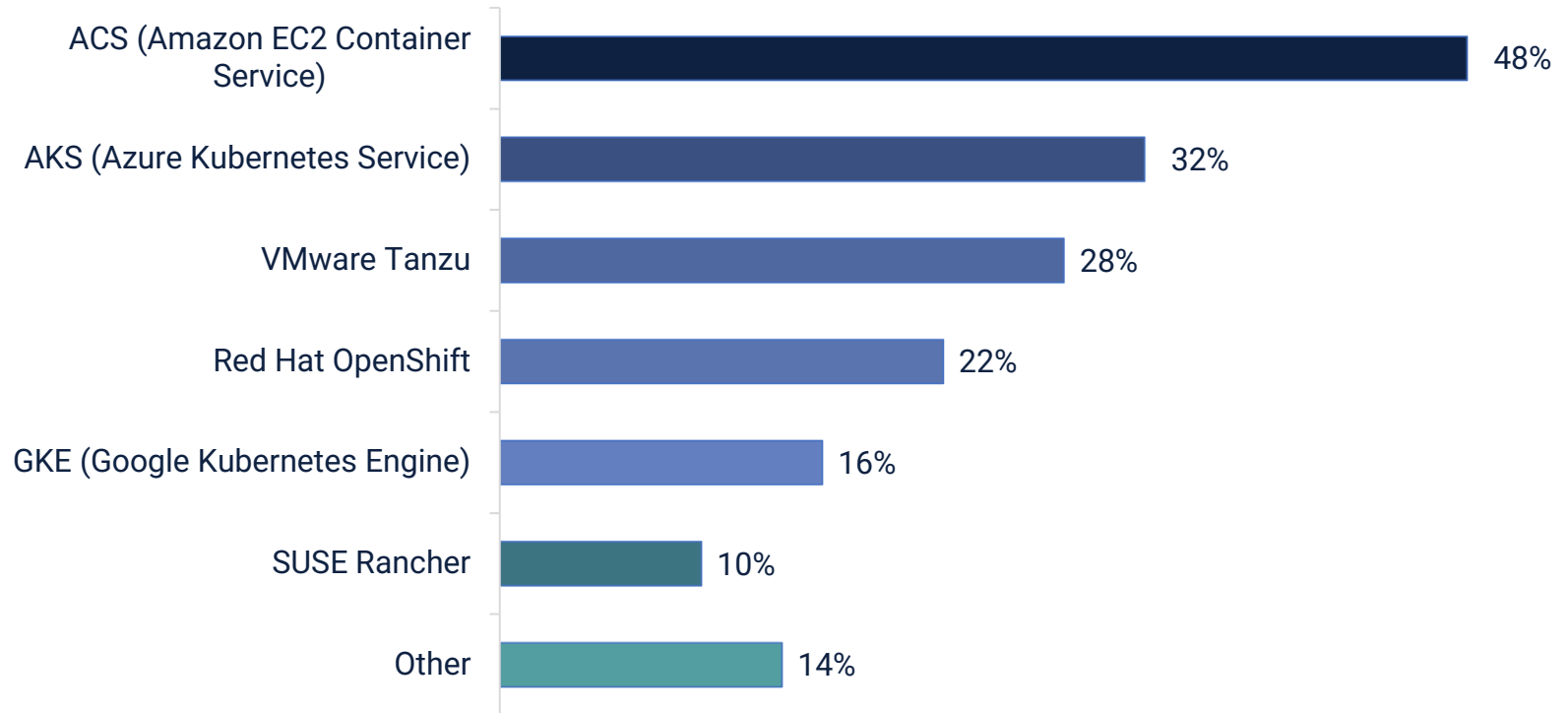
Amazon's EC2 Container Service offering is in use or consideration by nearly half of all those surveyed, followed by Azure Kubernetes Service (32%), and VMware Tanzu (28%).

Summary Results | February 2023

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What are or would be some of your container management concerns?

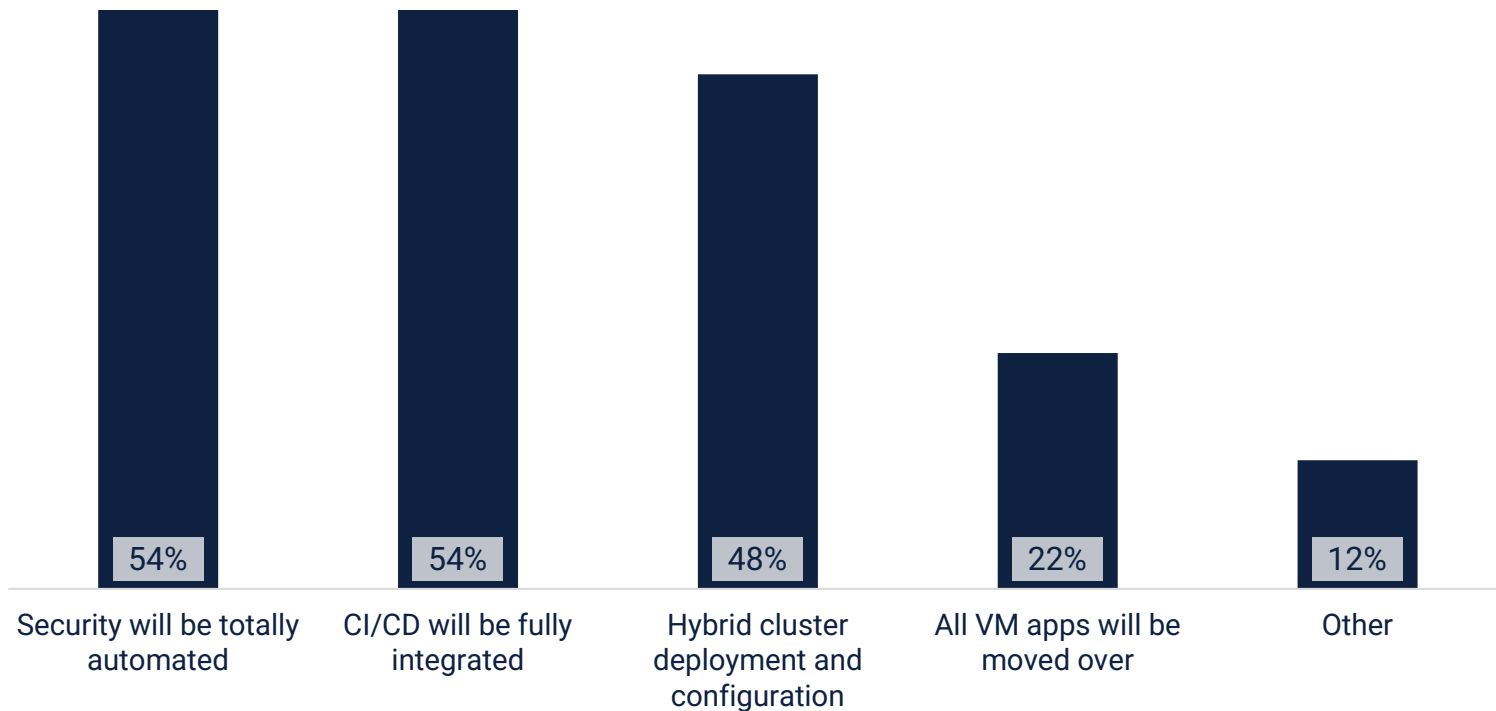|				
66%	54%	26%	8%	6%
Security/compliance	Complexity of hybrid cloud infrastructure	Container sprawl	Old, fragile skunkworks projects	Other

Unsurprisingly, security and compliance is the top concern (66%). Over half (54%0 are also concerned with the complexity of hybrid cloud infrastructures for managing containers.

Summary Results | February 2023

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What benefits do you or would you expect from a container management solution?

Benefit	Percentage
Improve product quality	52%
Increase developer agility	48%
Improve developer productivity	44%
Realize more value from containers	42%
Improve SLA metrics	38%
Accelerate time to market for new products	26%
Other	8%

Respondents expect all of these benefits from their container management solution, particularly improvements to product quality, which tops the list at 52%. Improvements to developer agility (48%) and productivity (44%) are also highly desired.

Summary Results | February 2023

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What do you want container management to look like in three years?

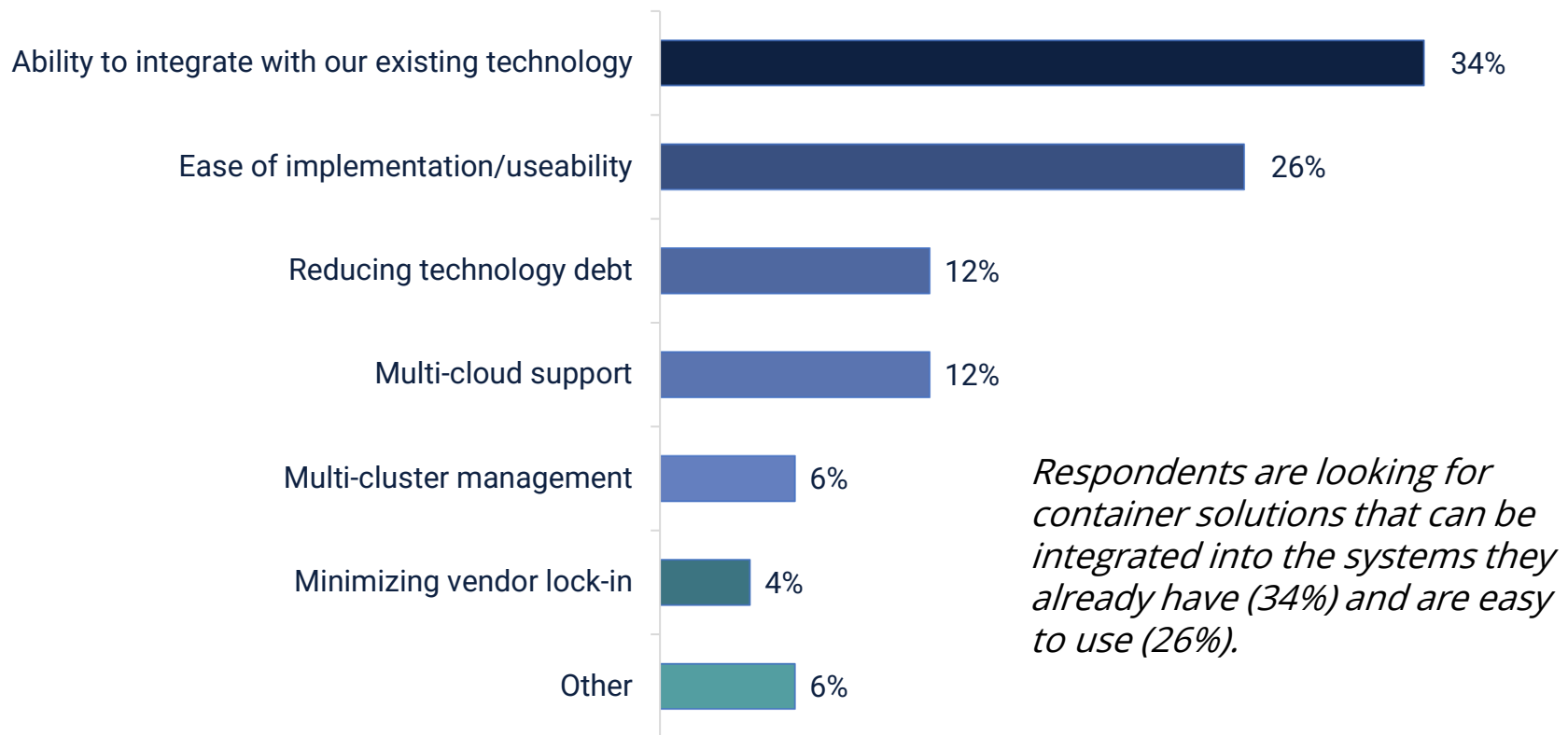| Security will be totally automated	CI/CD will be fully integrated	Hybrid cluster deployment and configuration	All VM apps will be moved over	Other
54%	54%	48%	22%	12%

Automated security and fully integrated CI/CD rank highest in respondents' list of expectations for container management solutions in the next three years, cited by 54% each. 48% are also looking forward to hybrid cluster deployment and configuration.

Summary Results | February 2023

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What is the most important criterion when evaluating a container management solution?

Ability to integrate with our existing technology — 34%
Ease of implementation/useability — 26%
Reducing technology debt — 12%
Multi-cloud support — 12%
Multi-cluster management — 6%
Minimizing vendor lock-in — 4%
Other — 6%

Respondents are looking for container solutions that can be integrated into the systems they already have (34%) and are easy to use (26%).

Summary Results | October 2022

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JOB LEVEL

18% of respondents to this survey hold executive or director-level positions in their organization.
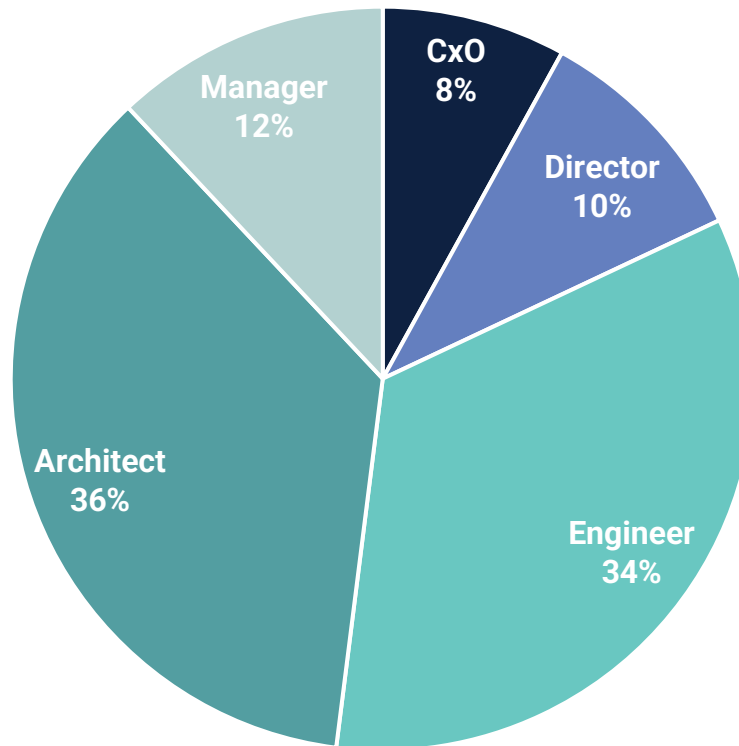
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About the Company

SUSE offers an open-source container management platform for organizations that unifies container clusters, which accelerates digital transformation by ensuring consistent operations, enabling workload management, and enterprise-grade security – from core to cloud to edge.

Learn more at suse.com

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