

THE INDUSTRY'S TAKE ON: The State of Software-Defined, Hyperconverged and Cloud Storage

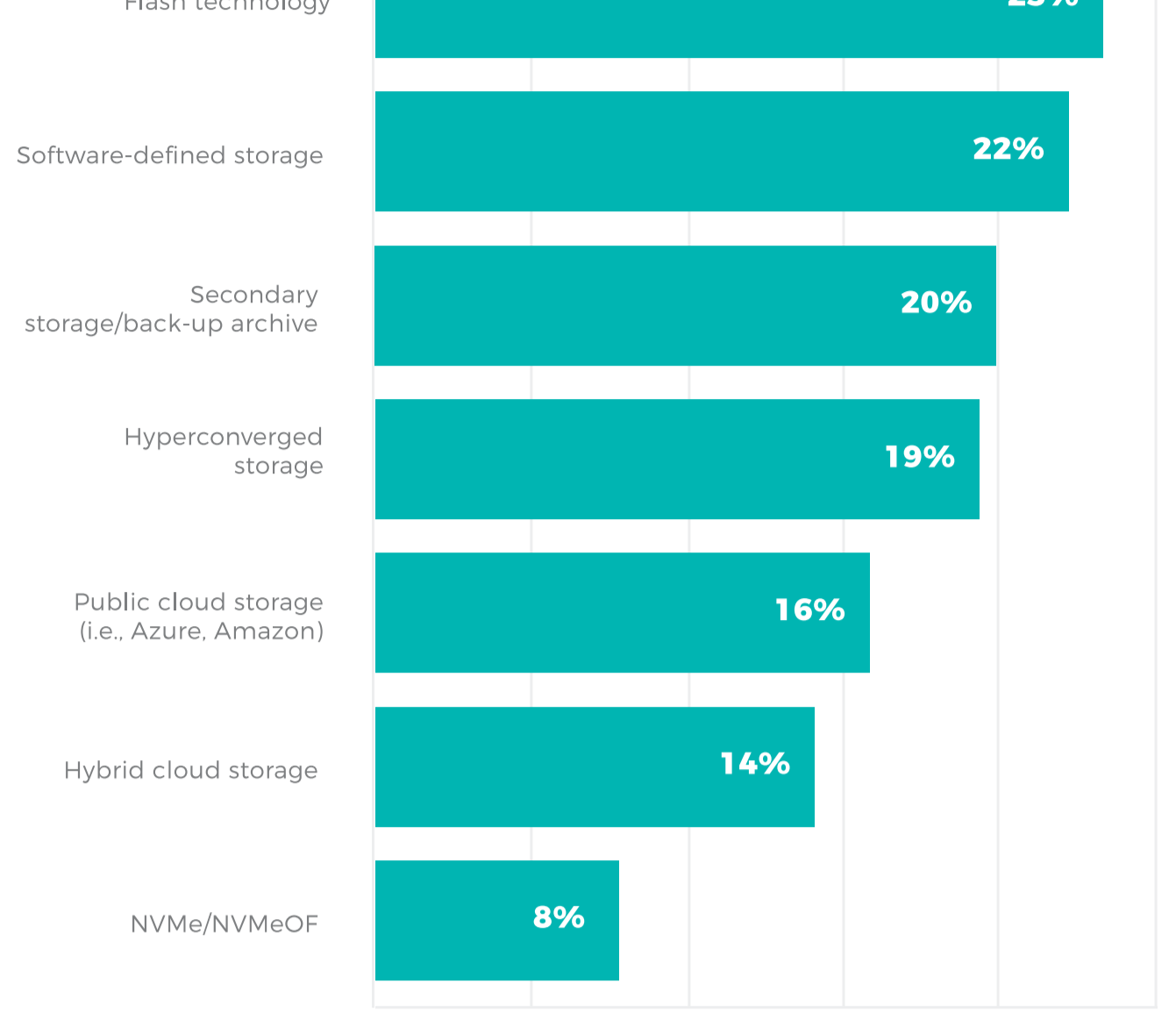
DataCore's seventh market survey distills the experiences of **400 IT professionals** who are currently using or evaluating software-defined storage, hyperconverged and cloud storage to solve critical data storage challenges.

The Current State of Software-Defined, Hyperconverged and Cloud Storage?

We asked IT professionals.

1 Investment Priorities

What percentage of your storage budget in 2018 is allotted to each of the technologies listed?



2 What are the business drivers for implementing software-defined, hyperconverged, public cloud, and hybrid cloud storage?

Software-Defined Storage:

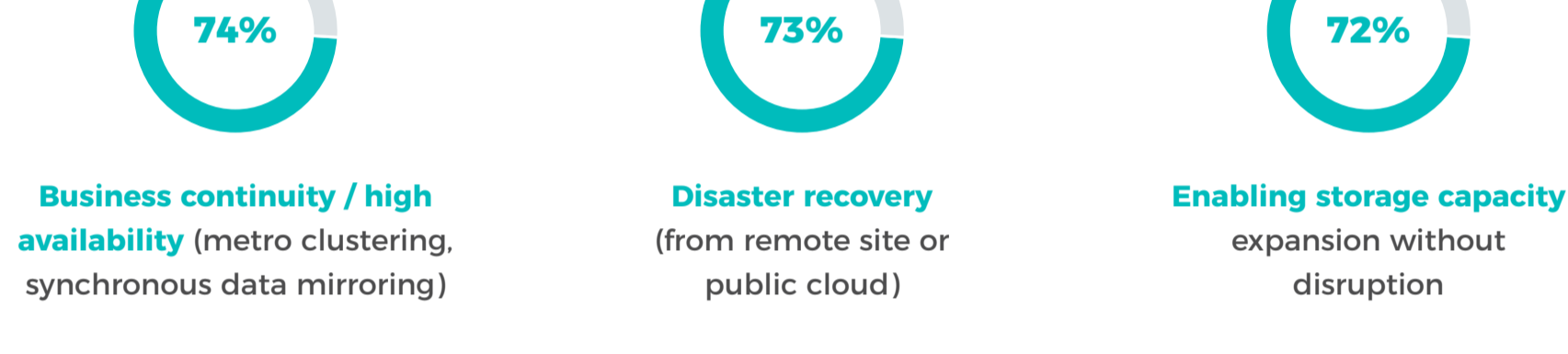


Hyperconverged Storage:



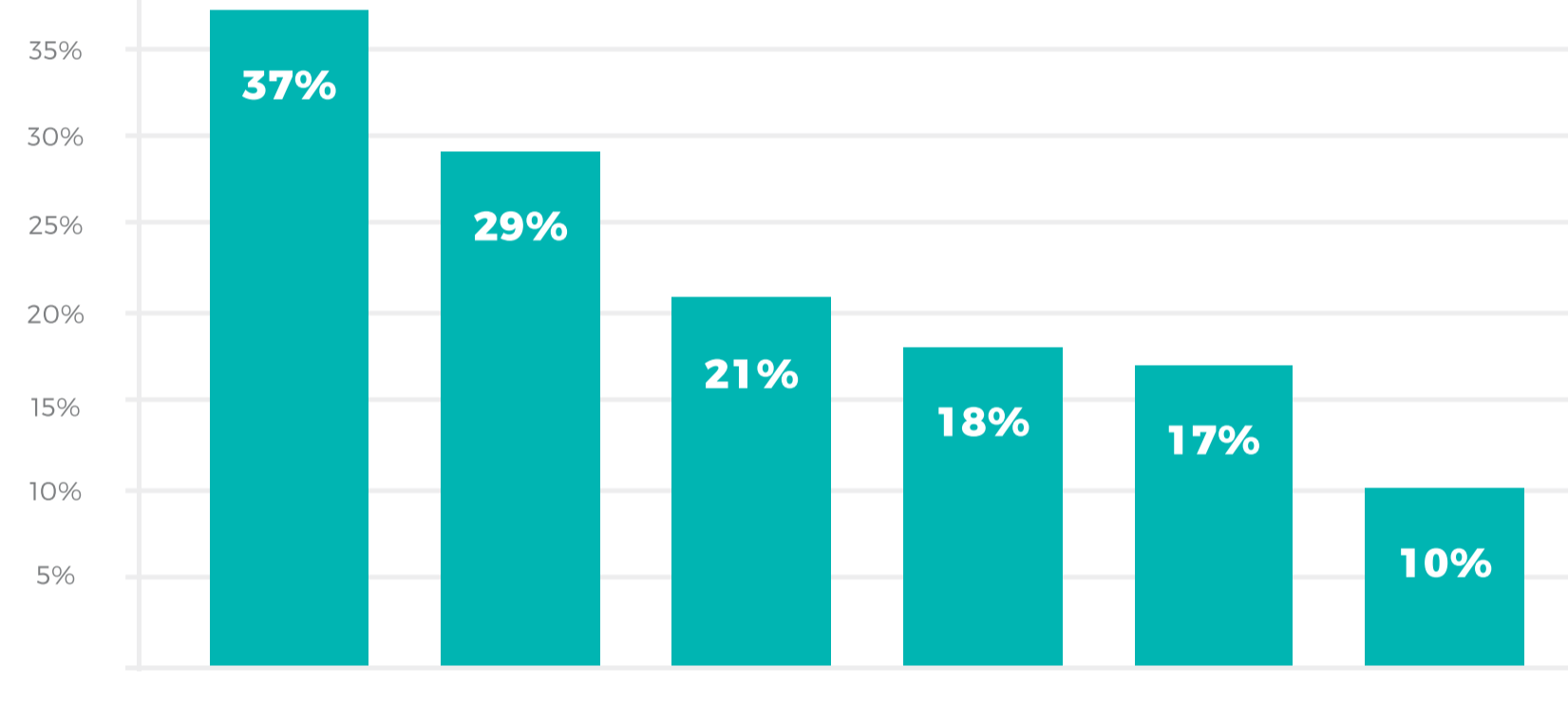
Interestingly, when asked the same question regarding public cloud and hybrid cloud storage, many respondents are still not considering cloud technologies (54% and 47% respectively), citing security and regulatory concerns as the top obstacles. Of those who are deploying public cloud, the top three business drivers identified for doing so include: business continuity (46%); aid in digital transformation efforts (39%); and lowering their hardware costs by shopping among several vendors (37%). Of those who are deploying hybrid cloud, the top three business drivers identified for doing so include: business continuity (41%); future-proof your infrastructure (37%); and aid in digital transformation efforts (37%).

3 What are the primary capabilities that you would like from your storage infrastructure?



4 Where are you in your deployments of the following technologies?

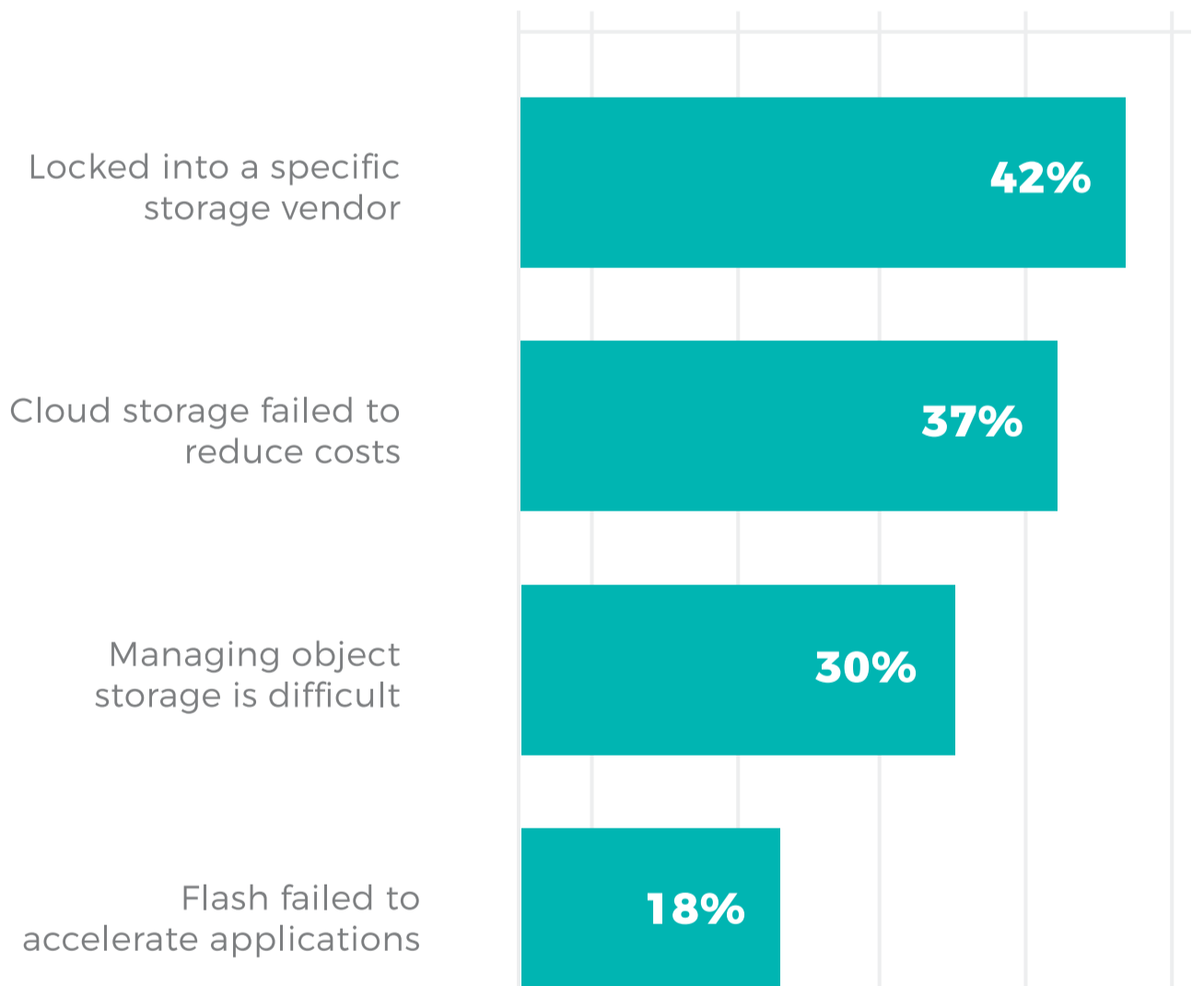
Standardized On It:



Surprises, False Starts and Technology Disappointments

1 There is still too much vendor lock-in within storage.

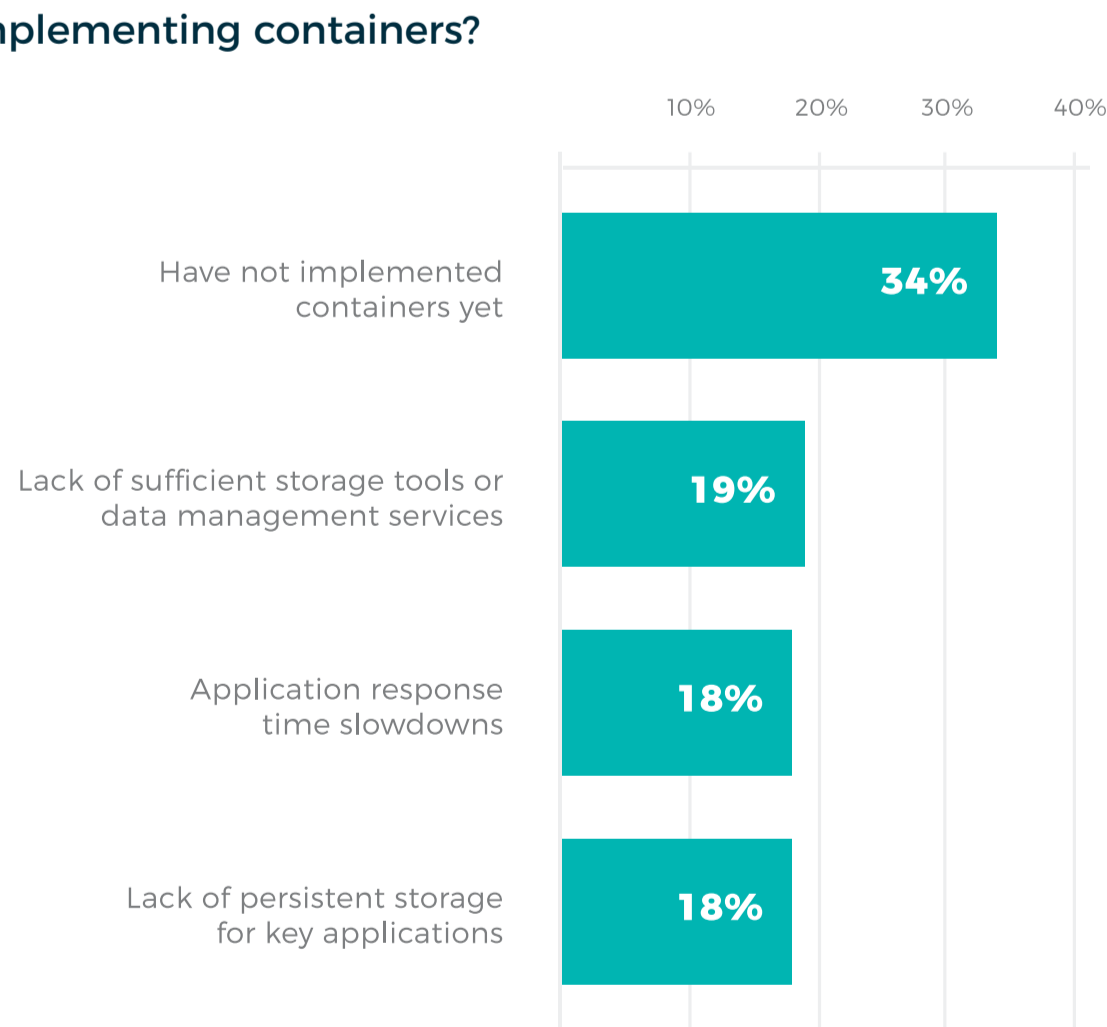
What technology disappointments or false starts have you encountered in your storage infrastructure?



The biggest surprise reported is that there is still too much vendor lock-in within storage. Software-defined storage is being used to solve this (management of heterogeneous environments) as well as for automation (lowering costs, fewer migrations and less work provisioning).

2 Container adoption is slow.

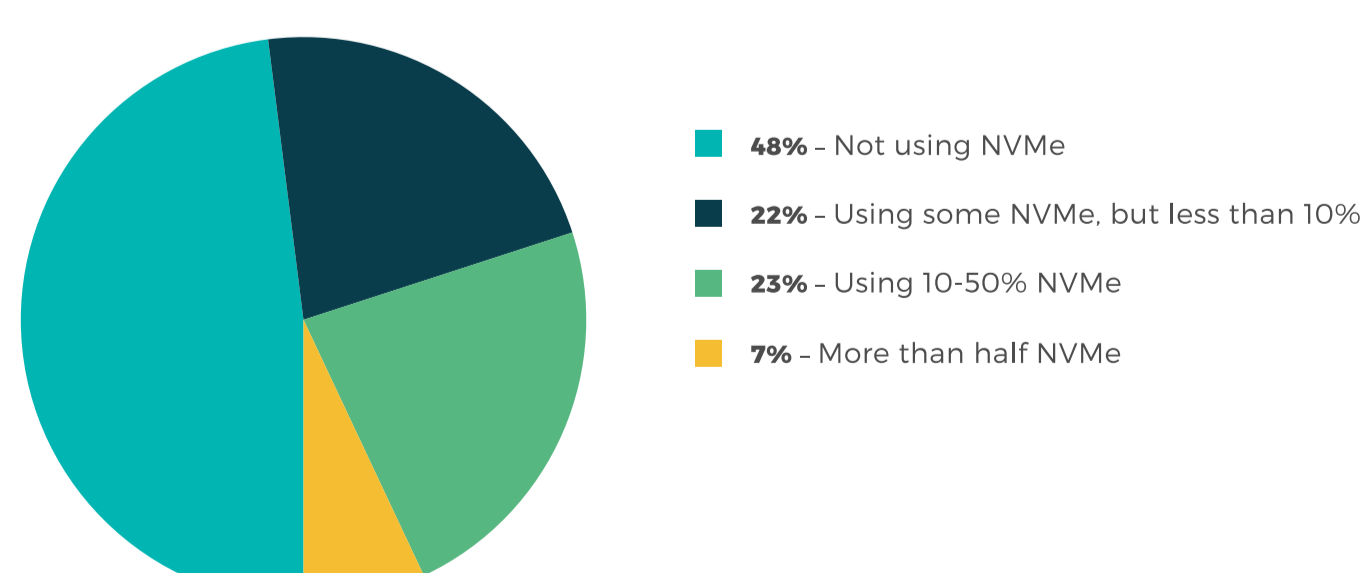
Which of the following surprises/unforeseen actions did you encounter after implementing containers?



Many enterprises are exploring containers, although actual adoption is slow primarily due to the reasons illustrated above.

3 NVMe is struggling to become mainstream.

NVMe storage will account for roughly what percentage of your storage capacity in 2018?



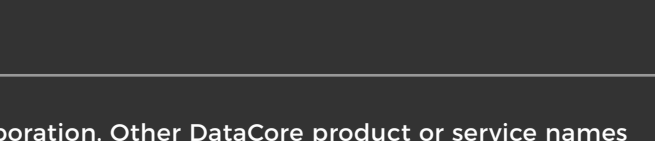
NVMe is still struggling to become mainstream. However, while adoption is still slow, enthusiasm for the technology appears strong. Technologies such as [software-defined storage with Gen6 HBA support](#) and dynamic auto-tiering with NVMe on a DAS can help simplify and accelerate adoption.

To see the complete results of DataCore's seventh market survey, "The State of Software-Defined, Hyperconverged and Cloud Storage," [click here](#).

DataCore is the authority on real-time data. The company pioneered [software-defined storage](#) and has now expanded its technology leadership to [hyperconverged infrastructures](#). DataCore empowers IT organizations to achieve always-available, high-performance and highly efficient data. Its patented technology eliminates storage bottlenecks with adaptive parallel I/O optimization, enables zero-downtime synchronous mirroring, and provides a true hardware-agnostic architecture – resulting in flexibility, resource efficiencies, and cost savings.

DataCore Software is the cornerstone of the next-generation, software-defined data center. DataCore's value has been proven in more than 10,000 customer deployments across traditional, hyper-converged, cloud, and hybrid environments.

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