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.

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%).

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

Surprises, False Starts and Technology Disappointments

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

Container adoption is slow.

NVMe is struggling to become mainstream.

Investment Priorities

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

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

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

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