Survey Highlights

- Over the next two years, enterprise data is projected to increase at a 42.2% annual growth rate.

- Only 32% of data available to enterprises is put to work. The remaining 68% goes unleveraged.

- On average, organizations now periodically transfer about 36% of data from edge to core. Within only two years, this number will grow to 57%. The volume of data immediately transferred from edge to core will double, from 8% to 16%. This means enterprises will have to manage a lot more data in motion.

- Managing data in the multicloud ecosystem is a top data management challenge expected over the next two years—with managing data in hybrid cloud a close second.

- The top five barriers to putting data to work are: 1) making collected data usable, 2) managing the storage of collected data, 3) ensuring that needed data is collected, 4) ensuring the security of collected data, and 5) making the different silos of collected data available.

- The solution to a great deal of data management challenges is DataOps—the discipline connecting data creators with data consumers. Only an average of 10% of organizations report having implemented DataOps fully across the enterprise. A majority of respondents say that DataOps is "very" or "extremely" important.

- Along with other data management solutions, DataOps leads to measurably better business outcomes: boosted customer loyalty, revenue, profit, and a host of other benefits.

- Improving data security is the most important factor driving the changes to how organizations manage central storage needs.

- Two thirds of survey respondents report insufficient data security, making data security an essential element of any discussion of efficient data management.