Architecture Modernization rends 2019

What does IT architecture modernization really mean for large enterprises? What are the top challenges and trends IT executives need to know?

A survey of over 300 IT executives, conducted by Dimensional Research and DataStax, takes the pulse of IT architecture modernization trends.

Top 4 Survey Findings:



Architecture modernization is both necessary and hard

- 100% of respondents are modernizing their technology architecture with the goals of reducing costs, improving customer and employee satisfaction, and gaining data-driven insights
- However, 99% report challenges with architecture modernization and no standards exist for funding new application development





Cloud flexibility is key

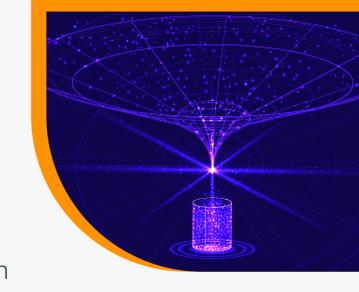
- 85% have cloud initiatives as part of modernization efforts
- 72% are moving to a hybrid or multi-cloud infrastructure with more than half of all new application architectures will support hybrid or multi-cloud environments
- But, 95% have concerns about vendor lock-in

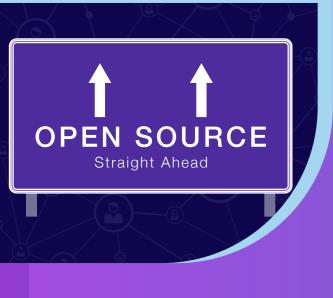




Data is the driving factor behind modernization

- 98% report challenges with their corporate data architectures with data silos topping the list
- 99% say database architecture is important when building hybrid or multi-cloud environments





Open source is increasingly valued by large organizations 82% report that their teams are more receptive to

open source today than five years ago

- 50% say open source is part of their architecture modernization plans



Modernization Trends 2019 survey, download the full report here. Methodology

To learn more about the IT Architecture

An online survey was sent to independent sources of IT executives working at large

companies. A total of 304 qualified participants completed the survey. All respondents worked in IT leadership and decision-making roles at companies with more than 5,000 employees.



DataStax delivers the always-on, active everywhere distributed hybrid cloud database built on Apache Cassandra™. The foundation for full data autonomy and personalized, real-time applications at

scale, DataStax Enterprise makes it easy for enterprises to exploit hybrid and multi-cloud environments via a seamless data layer that eliminates the issues that typically come with deploying applications across multiple on-premises data centers and/or multiple public clouds. We help many of the world's leading brands across industries transform their businesses by eliminating data silos and powering modern, mission-critical applications. For more information, visit www.DataStax.com and follow us on Twitter @DataStax.

Apache Cassandra, Apache, Tomcat, Lucene, Solr, Hadoop, Spark, TinkerPop, and Cassandra are trademarks of the Apache Software Foundation or its subsidiaries in Canada, the United States and/or other countrie