

# IT Architecture Modernization Trends 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:

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### 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

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### 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

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To learn more about the IT Architecture Modernization Trends 2019 survey, download the full report [here](#).

#### Methodology

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.