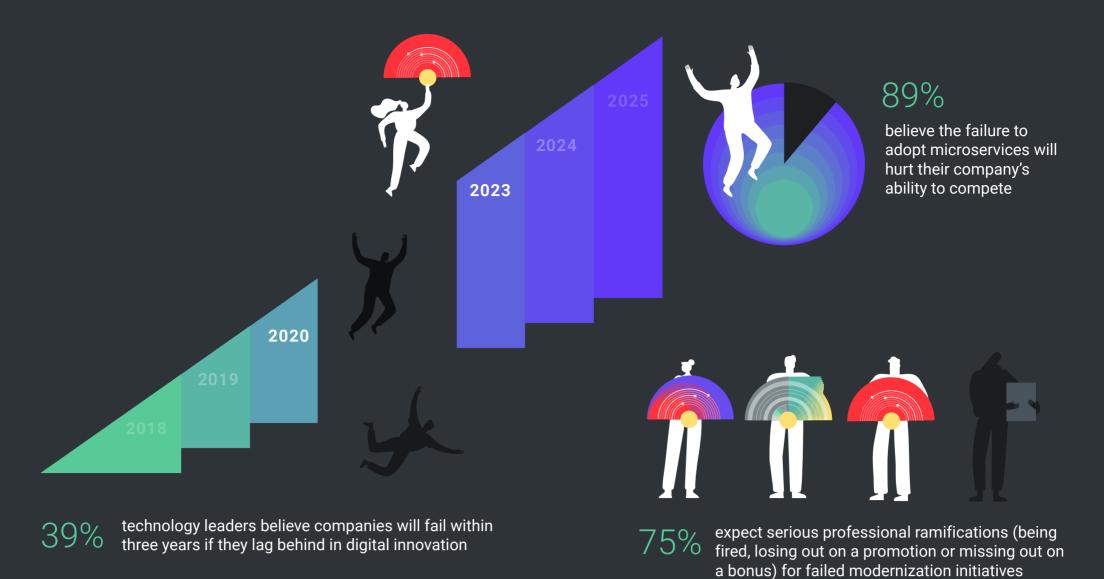
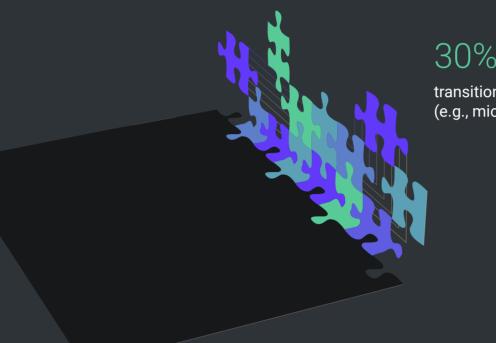


2020 Digital Innovation Benchmark

Innovate Fast or Die Fast



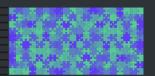
Digital Transformation: Microservices as an Innovation Driver



transitioned entirely to distributed architectures (e.g., microservices, serverless)

84%

have already embraced microservices



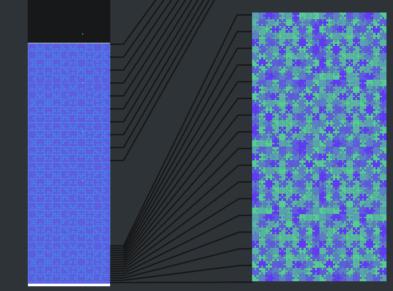
40% companies with 3,000+ employees run 100+ microservices



companies run 500+ microservices

Top 4 drivers for transitioning to microservices (beyond cost):

- 1. Increase security
- 2. Increase speed of development
- 3. Integrate new tech faster
- 4. Increase infrastructure flexibility



Open Source for New Initiatives

Open source is prevalent among the majority of companies:



5 most popular open source technologies:

- 1. Databases
- 2. Containers
- 3. API gateways
- 4. Infrastructure automation
- 5. Container orchestration

Adopting Distributed Architectures and Microservices: The Challenges

Top 4 challenges of using microservices:

- 1. Security issues
- 2. Difficulty integrating existing monoliths with microservices
- 3. Updating API documentation
- 4. Complexity of managing services across platforms



More than 40%

have challenges with securing, scaling and/or ensuring performance for APIs

1/5

currently use a multi-cloud environment





90%

believe securely connecting applications and ensuring performance at scale are one of the greatest technical challenges of the 21st century

Download the full report

http://konghq.com/digital-innovation-benchmark-2020



Vanson Bourne fielded this survey in August 2019 based on 200 senior technology decision makers in the U.S., including CIOs, CTOs, VPs of IT, IT directors/architects and software engineers/developers from organizations, with respondents evenly divided between publicly traded and privately held companies that had 1,000 or more employees.