Table of contents
Introduction and key findings .................. 3
Current economic challenges ................... 4
  Seeking efficiencies through cloud and innovation ............... 5
  Investment increase .................................. 6
  Rising confidence in ROI ............................ 8
Talent remains scarce .............................. 9
  Downsizing & retention ........................... 9
  The struggle to fill roles ......................... 10
  FinOps ............................................. 11
A new era of innovation? ....................... 12
About Rackspace Technology ................... 12
Introduction and key findings

The global economy is in flux. In the U.S., inflation persists, but for now unemployment remains relatively low. Europe faces a winter of energy shortages which will hinder production. Coronavirus lockdown measures across China are hurting, as well as the global manufacturers who source there.

With its side effect of reducing purchasing power, inflation is a significant hurdle to any economy driven by consumer spending, ongoing investment and new building. Prices rise, wages decline and debt accumulates.

This isn’t the first time we’ve all seen challenging times — and it’s almost certainly not going to be the last. So, what’s different about the economic outlook this time around? While it’s clear that the global economy is raising concerns, among IT decision-makers there are signs of optimism.

Managing IT in Challenging Economic Times is the second Rackspace Technology® survey of 1,420 IT leaders across industries, including manufacturing, finance, retail, government and healthcare in the Americas, Europe, Asia, Australia and the Middle East.

Our research suggests that business leaders everywhere are now focusing on digital transformation and technology investment. As companies assess spending and seek efficiencies during uncertain times, this survey reflects an understanding among global business leaders of the importance of continued investment in technology in order to fuel growth and ensure they remain competitive.

Our survey shows IT decision-makers are focusing on areas that can drive efficiencies and help alleviate recent and upcoming challenges. That’s quite a contrast to a cost-control mentality that was dominant in IT just a few months ago.

• IT leaders are also seeing positive returns on technology investments their companies made during the slowdown of 2020.
• Over the same time span, 61% say that greater confidence in ROI is a leading factor driving change in IT investment strategy.

Unfortunately, the worldwide scarcity of IT talent remains a real challenge. However, IT leaders appear to be counteracting talent concerns with greater investment and innovation around specific tools and technologies.
**Current economic challenges**

Facing hard choices and the possibility of global recession in 2023, what are respondents’ biggest challenges? What are they doing specifically to confront existing — and anticipated — challenges? What do they consider to be the most important actions they can take to alleviate pressure on their organizations?

**Company leaders told us that they are most challenged by the economy, inflation and energy woes:** Nearly half of respondents told us that the economy was their top concern:

**Impact of economic challenges on organization** *(Respondents selected all that apply).*

<table>
<thead>
<tr>
<th>%</th>
<th>Challenge</th>
</tr>
</thead>
<tbody>
<tr>
<td>46%</td>
<td>Economic slowdown</td>
</tr>
<tr>
<td>44%</td>
<td>Inflation</td>
</tr>
<tr>
<td>42%</td>
<td>Energy prices</td>
</tr>
<tr>
<td>33%</td>
<td>Staffing</td>
</tr>
<tr>
<td>26%</td>
<td>Supply Chain</td>
</tr>
<tr>
<td>21%</td>
<td>Geopolitics</td>
</tr>
</tbody>
</table>

Other headwinds such as supply chain (26%) or geopolitics (21%) pale in comparison.

The current state of the economy has resulted in a greater focus on public cloud (70%) than private cloud (30%) as leaders zero in on increasing efficiency.

**Current focus of organization’s infrastructure:**

*Please complete the following sentence: “The current economic climate is meaning that my organization’s infrastructure is focusing more on the following.”* *(Respondents selected all that apply).*

<table>
<thead>
<tr>
<th>%</th>
<th>Focus Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>70%</td>
<td>Public cloud (versus 30% private cloud)</td>
</tr>
<tr>
<td>57%</td>
<td>Retaining people (versus 43% hire new)</td>
</tr>
<tr>
<td>64%</td>
<td>Technology (versus 36% staff)</td>
</tr>
</tbody>
</table>
Seeking efficiencies through cloud and innovation

To adapt to an uncertain environment, IT leaders say they are increasing their focus on cloud projects that can increase efficiency (62%), and investing in innovation projects (58%).

Which have been the main actions that your organization has taken, or is in the process of taking, to deal with the current economic climate?

(Respondents selected all that apply).

- 62% Look for greater efficiencies (e.g., moving to cloud)
- 58% Increase investment in innovation
- 51% Overhaul our product/service offerings to ensure relevance
- 45% Increase investment in automation

And of the actions taken, which one is considered to be the single most important action you are taking to deal with the current economic climate?

(Respondents selected all that apply).

- 21% Looking for greater efficiencies. For example, moving to cloud
- 18% Increasing investment in innovation
- 11% Cost cutting (excluding job losses)
- 11% Increasing investment in automation
- 11% Overhauling our products/service offerings to ensure relevance
Investment impact
More confident about their technology investment and the returns on investment they’re seeing, business leaders are emphasizing growth and digital transformation. Cloud leads the way in these investments.

Generally speaking, how has the current economic climate impacted investment in IT within your organization? (Respondents selected all that apply).

58% We have increased investment
26% We have decreased investment
16% We re-prioritized investment [Same overall investment, reallocated to different organizational areas]

How has your IT investment been re-prioritized?
Across the globe, executives identified cloud projects as the single most important factor in addressing the current economic climate and as the leading source of reprioritized investments, compared to their original budget allocation.

<table>
<thead>
<tr>
<th>Original IT budget allocation</th>
<th>Re-prioritized IT budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>12% Moving to the cloud</td>
<td>13% Moving to the cloud</td>
</tr>
<tr>
<td>9% Automation</td>
<td>13% Automation</td>
</tr>
<tr>
<td>9% Security</td>
<td>12% Security</td>
</tr>
<tr>
<td>9% AI and RPA</td>
<td>12% AI and RPA</td>
</tr>
<tr>
<td>10% Data projects</td>
<td>9% Data projects</td>
</tr>
<tr>
<td>8% Digital transformation projects</td>
<td>9% Digital transformation projects</td>
</tr>
<tr>
<td>10% Infrastructure hardware</td>
<td>7% Infrastructure hardware</td>
</tr>
<tr>
<td>9% Servers</td>
<td>7% Servers</td>
</tr>
<tr>
<td>9% Application modernization</td>
<td>8% Application modernization</td>
</tr>
<tr>
<td>10% Moving from the cloud</td>
<td>5% Moving from the cloud</td>
</tr>
<tr>
<td>7% Other areas</td>
<td>6% Other areas</td>
</tr>
</tbody>
</table>
The highest priority: increasing investments in cloud

When asked to rank their investment priorities for the next 12-18 months, IT leaders rated cloud operations as their top strategic IT priority (75%), followed by security (60%) and digital transformation (51%).

**Key investment areas over the next 12-18 months** *(Respondents selected all that apply).*

- 75% Cloud operations
- 60% Security
- 51% Digital transformation

Who’s driving investment?

When it comes to making IT investment decisions, there’s been a shift away from the C-suite, with two-thirds of respondents (67%) saying that the pool of key decision-makers has changed. Today, IT directors (54%), heads of IT (44%) and CTOs (38%) are more involved with IT investment decisions than they were 1-2 years ago.

**Who within your organization is driving forward the decision making in these key investment areas?** *(Respondents selected all that apply).*

- 43% CEO
- 35% IT Director
- 35% CTO
- 29% CFO
- 28% CIO
- 27% Head of IT

**Which roles are now closer to the IT investment strategy than they were 1-2 years ago?** *(Respondents selected all that apply).*

- 54% IT Director
- 44% Head of IT
- 38% CTO
Rising confidence in ROI

Our survey points to increased confidence in the ROI from technology across the business (61%) and increased involvement of both senior leadership and the board of directors in investment decisions.

CEOs and boards are more engaged because they are aware of the increasing value of technology investment and digital transformation as a corporate priority across industry verticals.

As we’ve recently seen, cuts are underway as a result of concerns about the economy. But among IT decision-makers, rising confidence in the ROI from technology investments indicates there is reason for some optimism.

What are the main factors influencing change in your IT investment strategy? (Respondents selected all that apply).

- 61% There is increased confidence across the wider business with the return on investment from technology
- 50% Board of directors/senior leadership have greater involvement in decision making
- 46% Success stories have been more widely and effectively communicated across the business
- 37% There is a greater track record of success and demonstrable use cases
- 25% There is increased support for CTOs and CIOs from the board in my organization
- 18% There is greater scrutiny from the finance department
Talent remains scarce

In terms of talent supply and workforce demand, IT executive teams face an unprecedented level of volatility.

Over half of respondents (52%) said their organization is downsizing employees, led by reductions in HR (56%), sales and marketing (47%), and business operations (42%).

While inflation and rising interest rates bring about budget cuts, IT leaders are simultaneously scrambling to fill key roles as the global IT talent shortage slows companies and impedes critical efforts.

### Downsizing & retention

Amid economic uncertainty and likely workforce reductions, firms continue to struggle in a market for IT talent where demand exceeds supply, especially in the key areas of cybersecurity, machine learning and analytics.

**Is your organization downsizing its staff in any particular areas of the business?**

(Respondents selected all that apply).

<table>
<thead>
<tr>
<th>%</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>52</td>
<td>Yes</td>
</tr>
<tr>
<td>48</td>
<td>No</td>
</tr>
</tbody>
</table>

**In what areas is your organization downsizing?** (Respondents selected all that apply).

<table>
<thead>
<tr>
<th>%</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>56</td>
<td>Human resources</td>
</tr>
<tr>
<td>47</td>
<td>Sales and marketing</td>
</tr>
<tr>
<td>42</td>
<td>Business operations</td>
</tr>
<tr>
<td>37</td>
<td>Accounting and finance</td>
</tr>
<tr>
<td>30</td>
<td>IT operations</td>
</tr>
</tbody>
</table>

**Is your organization struggling to retain IT staff in specific areas or with specific skills?**

<table>
<thead>
<tr>
<th>%</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>56</td>
<td>Yes</td>
</tr>
<tr>
<td>44</td>
<td>No</td>
</tr>
</tbody>
</table>

**In what areas are you struggling to retain staff?** (Respondents selected all that apply).

<table>
<thead>
<tr>
<th>%</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>61</td>
<td>Cybersecurity</td>
</tr>
<tr>
<td>53</td>
<td>Data analysis</td>
</tr>
<tr>
<td>44</td>
<td>Cloud computing</td>
</tr>
<tr>
<td>37</td>
<td>Systems and networks</td>
</tr>
<tr>
<td>33</td>
<td>Software engineering/development</td>
</tr>
<tr>
<td>27</td>
<td>Machine learning</td>
</tr>
<tr>
<td>19</td>
<td>DevOps</td>
</tr>
</tbody>
</table>
The struggle to fill roles

Facing a tough talent environment, 54% of survey respondents said they are struggling to fill vacancies, especially in the areas of cybersecurity (61%), machine learning (54%), data analytics (48%), network engineering (40%), data engineering (36%) and cloud architecture (33%).

Is your organization currently struggling to fill technical staffing vacancies?

- 54% Yes
- 46% No

Which positions are you most struggling to fill? (Respondents selected all that apply).

- 61% Cybersecurity specialist
- 54% Machine learning engineer
- 49% Data analyst
- 40% Network engineer architect
- 36% Data engineer
- 33% Cloud architect

Focus on retention and training

Efforts to retain staff include increased training opportunities (63%), an increase in the value of rewards (57%), salary increases (52%), increased focus on work/life balance (45%) and career growth (40%), and benefits increases (37%).

Actions to retain existing staff (Respondents selected all that apply).

What, if anything, is your organization actively doing in order to retain existing staff?

- 63% Increased training opportunities
- 57% Increase in the value of rewards
- 52% Salary increases
- 45% Increased focus on work/life balance
- 40% Career growth
- 37% Benefits increases

Compensating for the talent shortage with tech

IT business leaders are increasing their reliance on technology to better navigate the talent shortage. They’re also redefining how work gets done. Finding new ways to leverage technology to fill gaps can help companies navigate the next 12–18 months, as will the strategic use of external resources.

Given talent scarcity, 78% of organizations are also looking for ways to enable technology to automate work traditionally performed by humans, especially in the areas of customer service (66%) and IT operations (64%).

Is your organization trying to find ways to enable technology to do the jobs formerly performed by people?

- 78% Yes
- 22% No

Which areas of your organization have roles that are at risk of being performed by technology rather than people? (Respondents selected all that apply).

- 66% Customer service
- 64% IT operations
- 61% Business operations
- 58% Sales and marketing
- 51% HR and admin

Managing IT in Challenging Economic Times
FinOps

As cloud investments grow, organizations are becoming more sophisticated in managing cloud costs and realizing value from their investments, with 82% reporting that their FinOps capabilities are either of medium or high maturity.

Cloud transformation projects are key enablers of scalability, innovation, cost-effectiveness and flexibility — all critical factors to succeed in even the toughest of environments.

For companies looking to navigate economic uncertainty, a well-developed FinOps program is key to making these projects pay off.

A new era of innovation?

In the midst of uncertainty, IT decision-makers are remaining somewhat optimistic and looking to the future despite the challenges.

Shaping and reviving corporate culture remains important, and companies have now had time to experiment with fully remote, on-site and hybrid employee models. Flexibility is key.

With the pace of innovation increasing, many are recognizing the possibility that we’re now in a new era of innovation — one in which the vital need for technology modernization has taken hold across global industries.
Customer First. Cloud First.

Drive better business outcomes with multicloud, data, application and security solutions designed to deliver your future, faster.

At the core of our history — and our plans for tomorrow — is our devotion to both: customers and cloud. We’re a trusted partner with a rich track record for outstanding customer service and satisfaction. We call it Fanatical Experience®. And we’re a multicloud technology solutions provider, focused on data, cloud native applications and security solutions in any cloud, for businesses of all sizes, including government, healthcare, financial services and education organizations.

We learn your business, your challenges, your goals and your aspirations. Then we cultivate a growth mindset with your team, while driving the ownership and accountability that are key to your success.

Because you need a cloud solutions partner that can deliver outcomes every day, we’re fueled by our unwavering focus:

Customer First. Cloud First.

Advise, transform, manage and optimize

Cloud-enabled digital transformation enhances your abilities to innovate, create new revenue streams, build better customer experiences and establish new models for work and collaboration.

As you move through your cloud journey, we help ensure that all of your technologies work together to move you toward these outcomes through collaboration with your teams at any stage of our engagement cycle:


About Rackspace Technology

Rackspace Technology is the multicloud solutions expert. We combine our expertise with the world’s leading technologies — across multicloud, applications, data and security — to deliver end-to-end solutions. We have a proven record of advising customers based on their business challenges, designing solutions that scale, building and managing those solutions, and optimizing returns into the future.

As a global, multicloud technology services pioneer, we deliver innovative capabilities of the cloud to help customers build new revenue streams, increase efficiency and create incredible experiences. Named a best place to work year after year, according to Fortune, Forbes and Glassdoor, we attract and develop world-class talent to deliver the best expertise to our customers. Everything we do is wrapped in our obsession with our customers’ success — our Fanatical Experience — so they can work faster, smarter and stay ahead of what’s next.

Learn more at www.rackspace.com or call 1-800-961-2888.

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