Cisco Global Cloud Networking Survey

Summary and Analysis of Results

Worldwide Results

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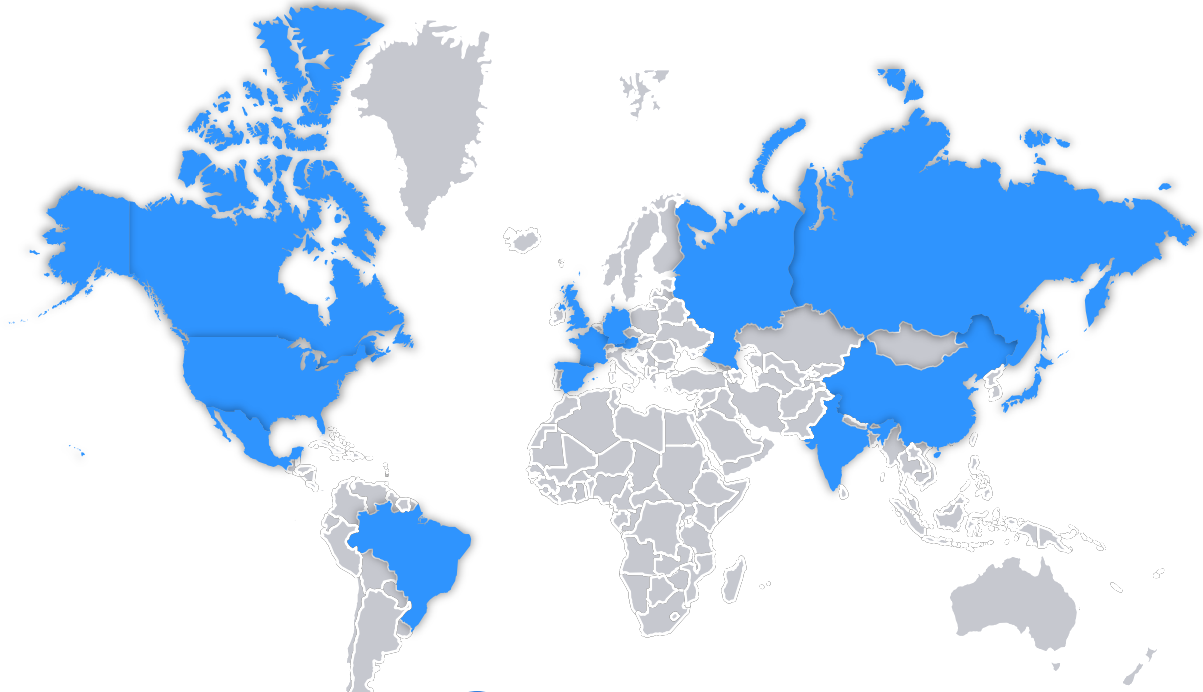
THE 2012 CISCO GLOBAL CLOUD NETWORKING SURVEY

Methodology: Timing and Sample Qualifications

1,300

IT Decision Makers



13 Countries

The Survey Was Commissioned by Cisco and Distributed by Insight Express With the Goal of Helping Businesses Better Understand the Challenges Related to the Network When Moving to Cloud Services

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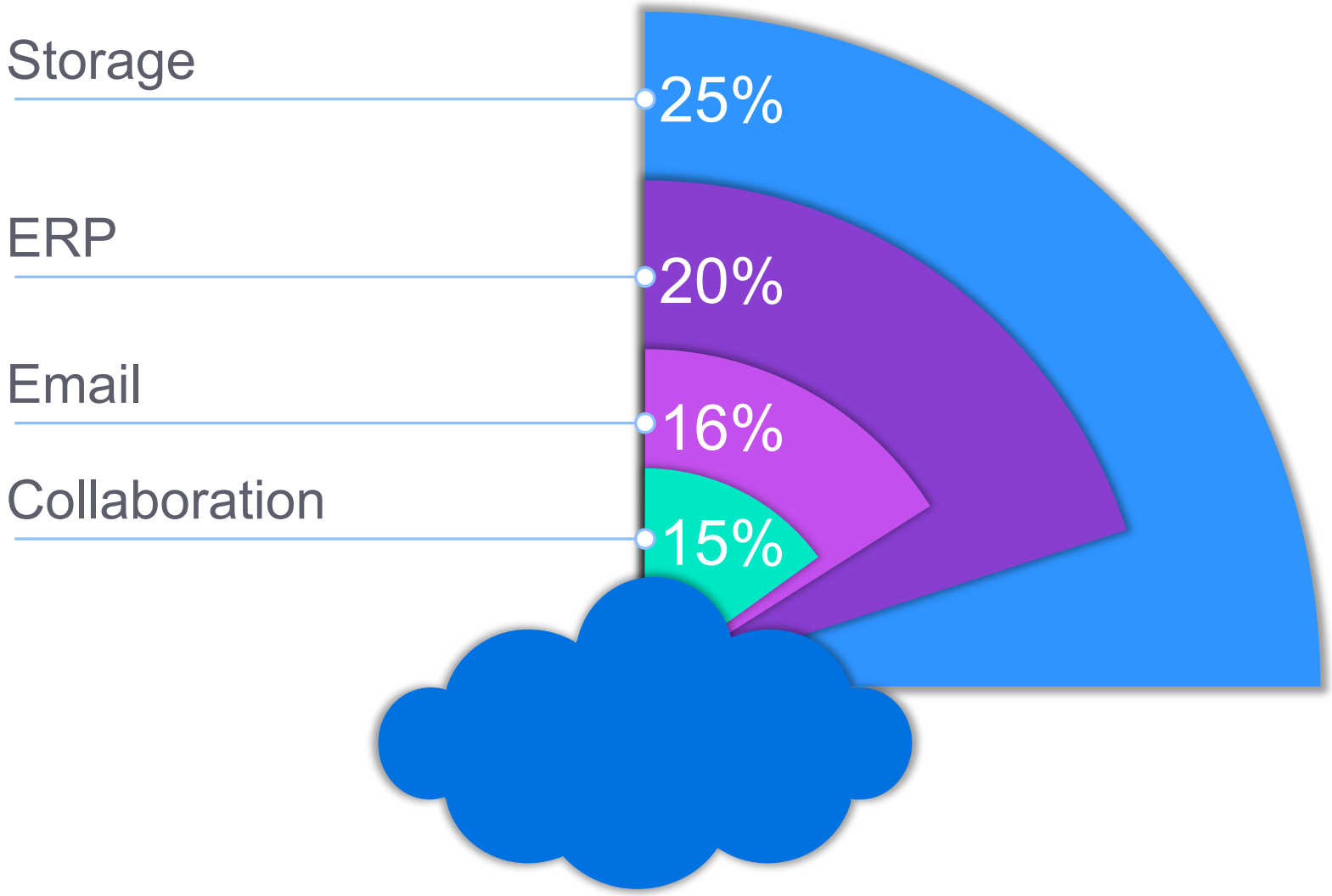
Top Choice of Application for Cloud Migration



If given the choice of only being able to move one application to the cloud, most respondents would choose storage, followed by Enterprise Resource Planning (ERP) applications to manage HR, customer relationship management, supply chain management, and project management systems. Email and collaboration solutions followed.

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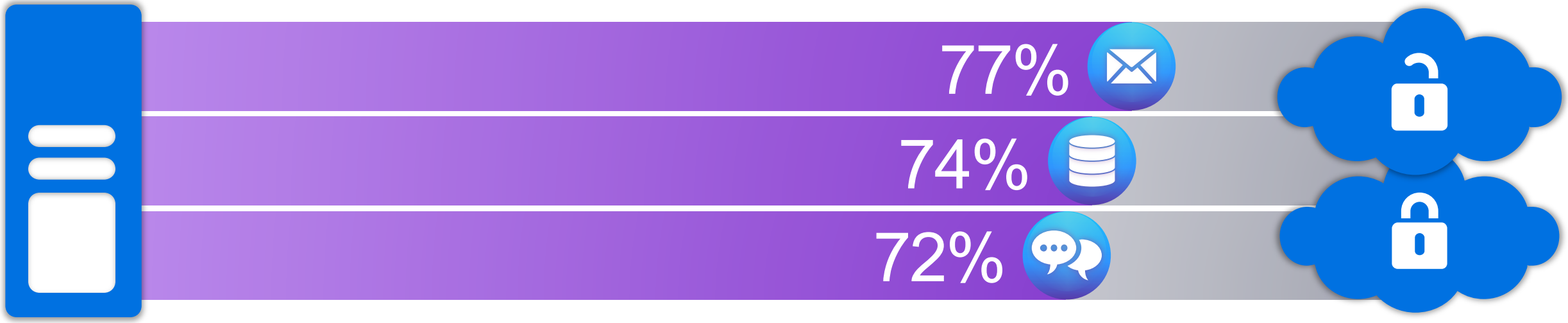
Reality Check: Status of Cloud Application Migration



When asked which applications have been moved, or are being planning to be moved to public or private clouds in the next year, the majority of IT decision makers cited email and Web services, followed by storage and collaboration solutions such as Web conferencing and instant messaging.

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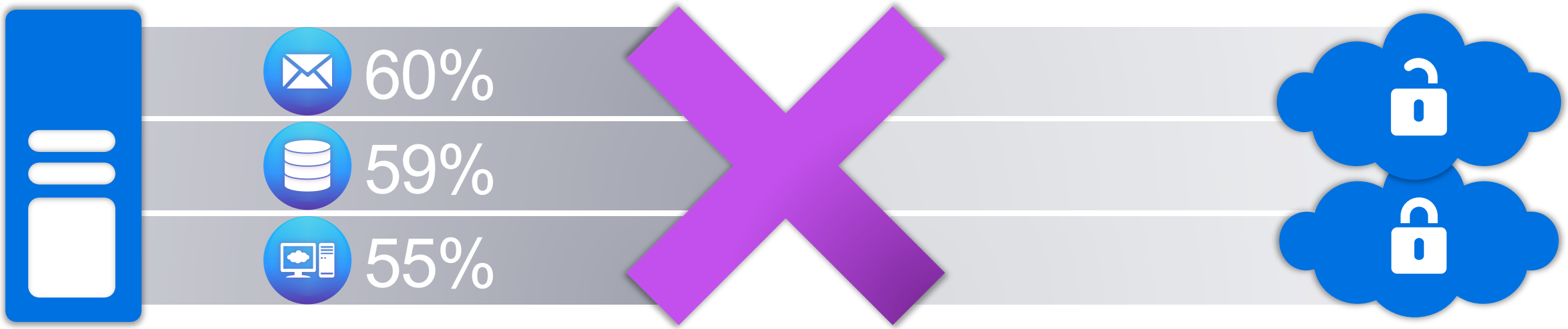
Reality Check: Status of Cloud Application Migration



For IT managers whose cloud migrations are still taking place, the application that most decided to **not** move to the cloud (private or public)—although expressing a desire to do so—were email, storage and virtual desktops.

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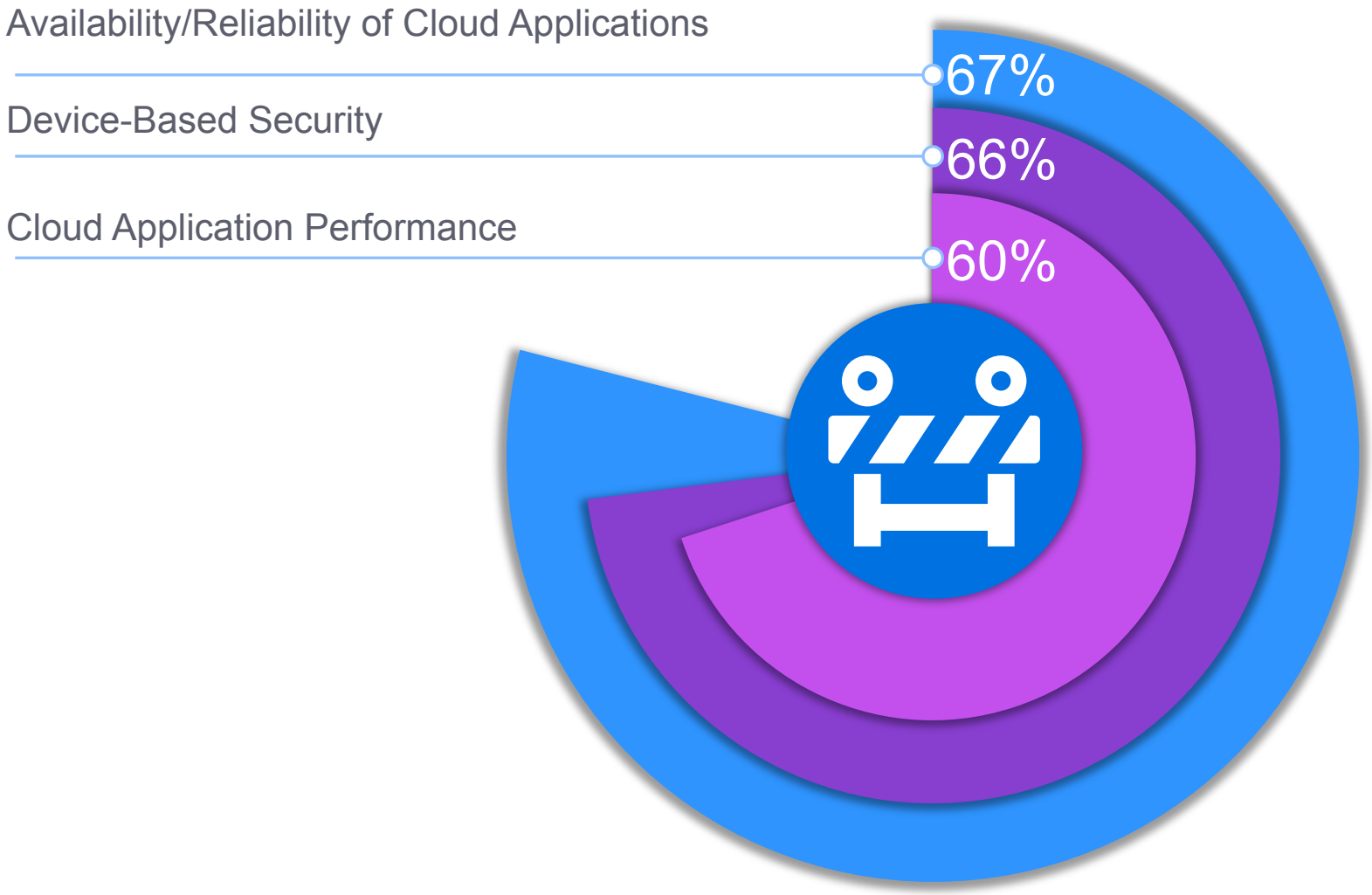
Reality Check: Network Readiness for Cloud Migration



During the cloud migration process, availability/reliability of cloud applications was cited as one of the top network challenge for preventing a successful implementation of cloud services, followed by device-based security and cloud application performance.

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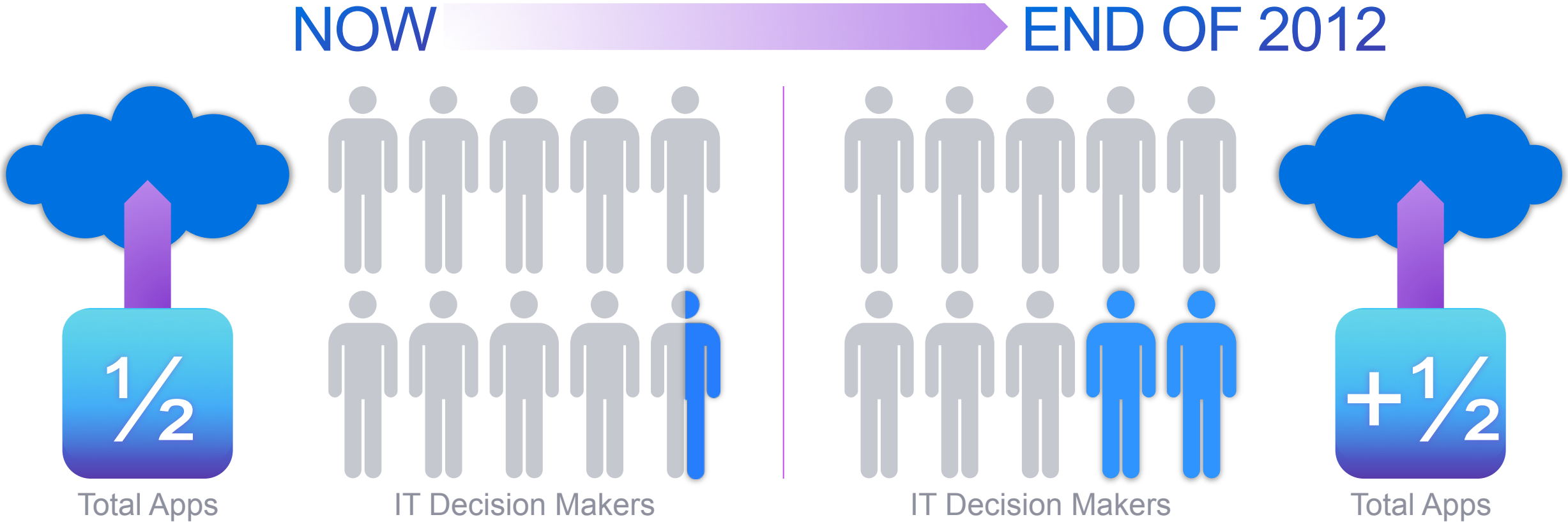
Cloud Deployments Expected to Increase Significantly by the End of 2012



Presently, only 5% of IT decision makers have been able to migrate at least half of their total applications to the cloud. By the end of 2012, that number is expected to significantly rise, as more than one in five (20%) will have deployed over half of their total applications to the cloud.

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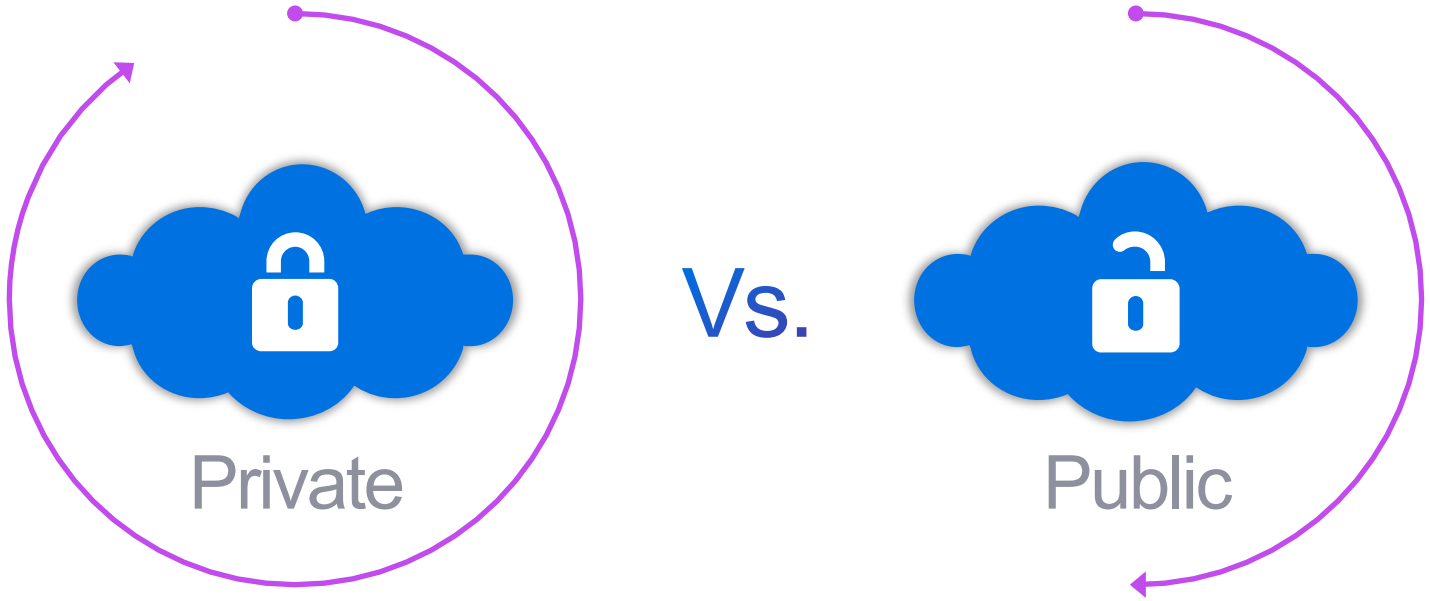
Expected Length of Typical Cloud Deployment



When asked to anticipate the length of time the transfer of applications such as web conferencing, storage and email would take to either private or public clouds, most respondents **anticipated a private cloud migration to take longer than a public one**. In addition, when asked to estimate the average length of time it would take to complete the cloud migration for their applications, most IT professionals indicated the deployment would take **less than six months**.

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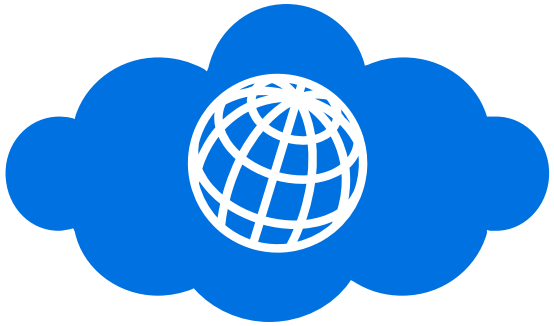
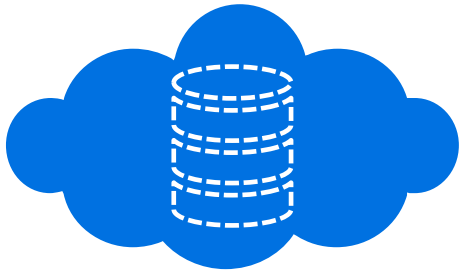
Most Critical Infrastructure for Cloud Deployments

37%



Cloud-Ready Network

28%



Virtualized Data Center

21%

Service-Level Agreement

In order to successfully move more applications to the cloud, the majority of respondents cited a cloud-ready network as the biggest infrastructure element required for further cloud deployments, ahead of a virtualized data center or a service-level agreement from a cloud service provider.

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State of Virtual Desktop Deployments, and Barriers

79%
Current or Future Plans

25%
Already Using Virtual Desktops

35%
Planning to do so Within the Next Year

20%
Plan on Deploying Virtual Desktops Within 1–3 Years

When asked about their plans to deploy virtual desktops, 79% of IT decision makers cited it as part of their current or future plans. 25% are already using virtual desktops, with 35% planning to do so within the next year. 20% plan on deploying virtual desktops within 1–3 years.

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State of Virtual Desktop Deployments, and Barriers

Top Barriers

46% Cost

45% Bandwidth Requirements

37% Virtual Desktop (VDI) Performance Caused by WAN Latency

34% Integration of Native with Virtual Desktops

33% Complexity of the Deployment

Among the top barriers to keeping virtual desktop deployments from taking place, respondents cited cost as the primary obstacle, followed by bandwidth requirements, virtual desktop (VDI) performance caused by WAN latency, integration of native with virtual desktops, and the overall complexity of the deployment.

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State of Virtual Desktop Deployments, and Barriers

Why Move to Cloud?

52%
Imperative Made by Business/CIO

41%
Following Industry/Peers

30%
Customer Requirements

When asked the reason behind their move to the cloud, 52% of respondents claimed it was an imperative made by their business or CIO to in order to improve costs, productivity and agility. 41% said they're simply following the industry or their peers, while 30% are doing so because of customer requirements.

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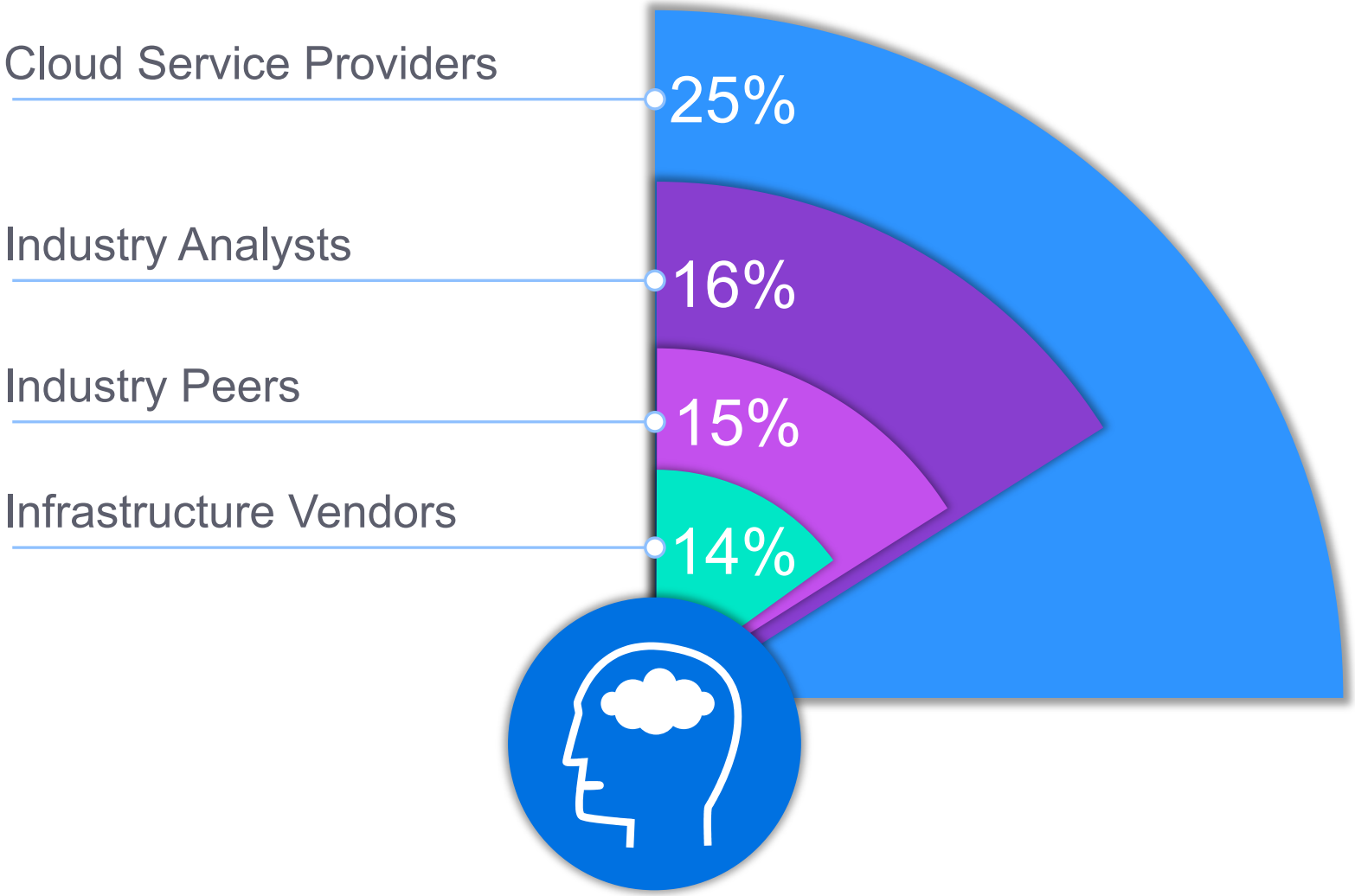
Source of Information When Making Cloud Decisions



Cloud service providers are the main source of intelligence or information about cloud services, followed by industry analysts, industry peers, and infrastructure vendors.

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Personal Experience of IT Professionals Regarding Security and Network Performance

39%

Nearly two in five participants said they would not trust their own personal information—such as medical records and Social Security numbers—with the cloud provider they are currently using.

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Personal Experience of IT Professionals Regarding Security and Network Performance

52%

More than half of IT decision makers said they have a better overall application experience at home with their personal networks than they do at work.

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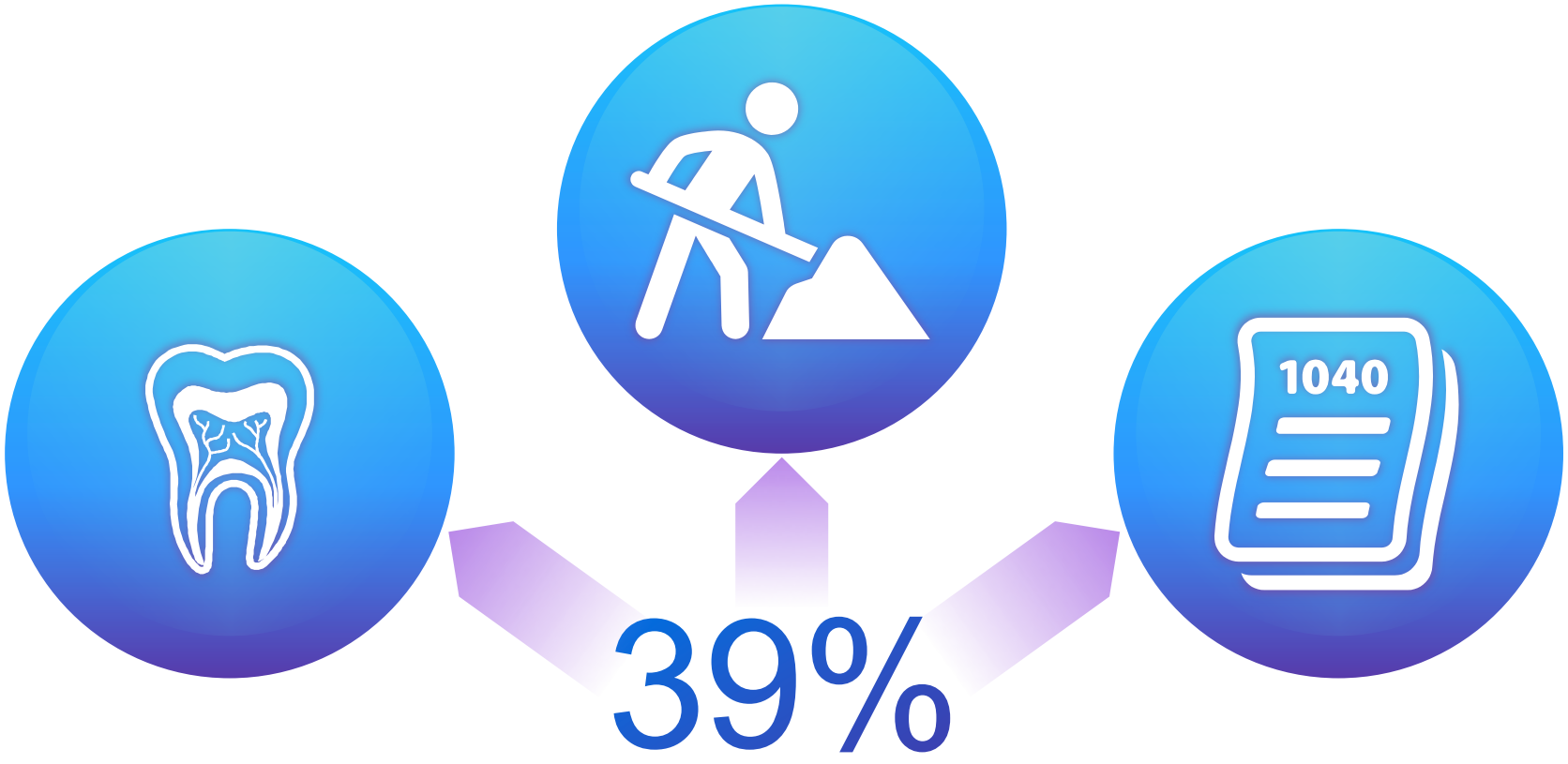
Cloud Deployments in Perspective



Almost two in five of those surveyed said they would rather get a root canal, dig a ditch, do their own taxes than address network challenges associated with public or private cloud deployments.

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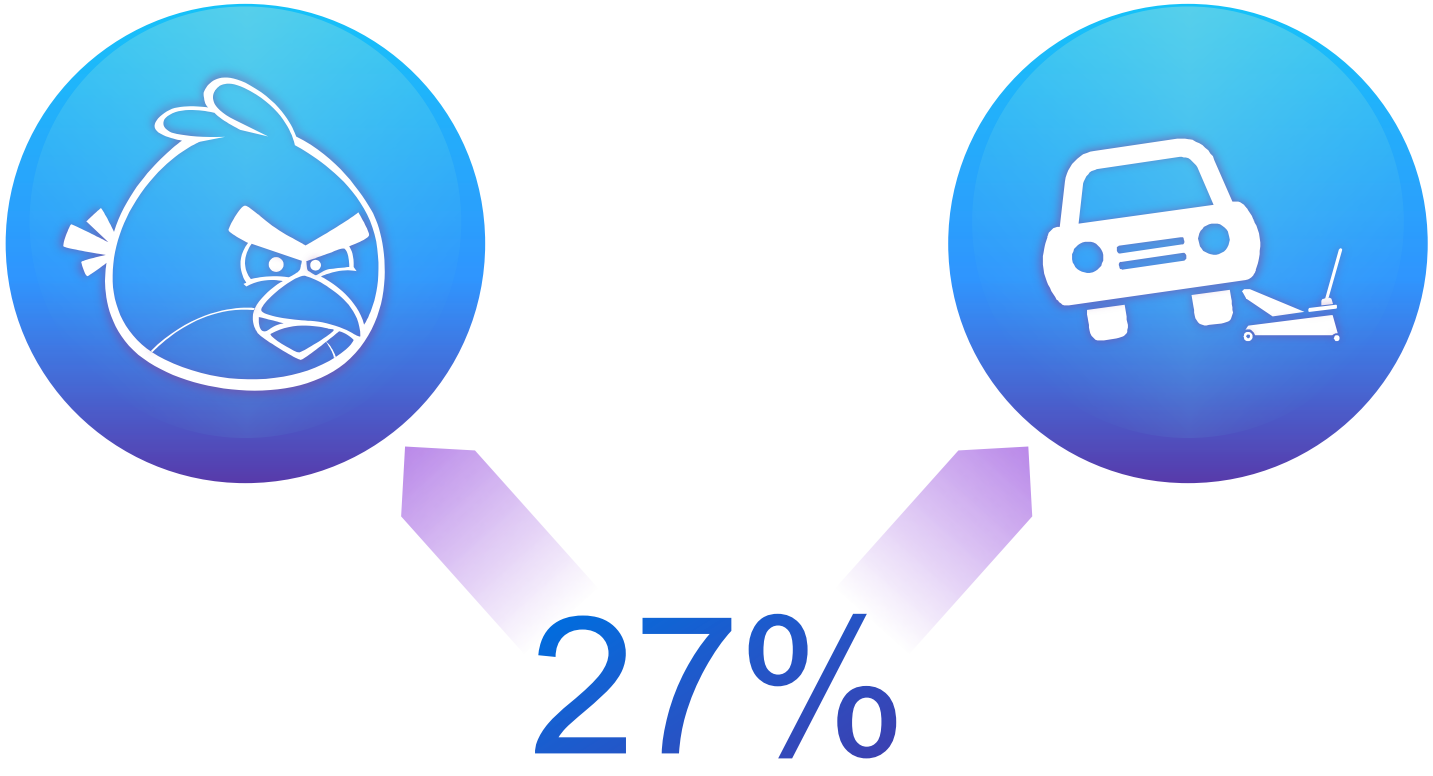
Cloud Deployments in Perspective



More than one quarter said they have more knowledge on how to play Angry Birds—or know how to change a spare tire—than the steps needed to migrate their company's network and applications to the cloud.

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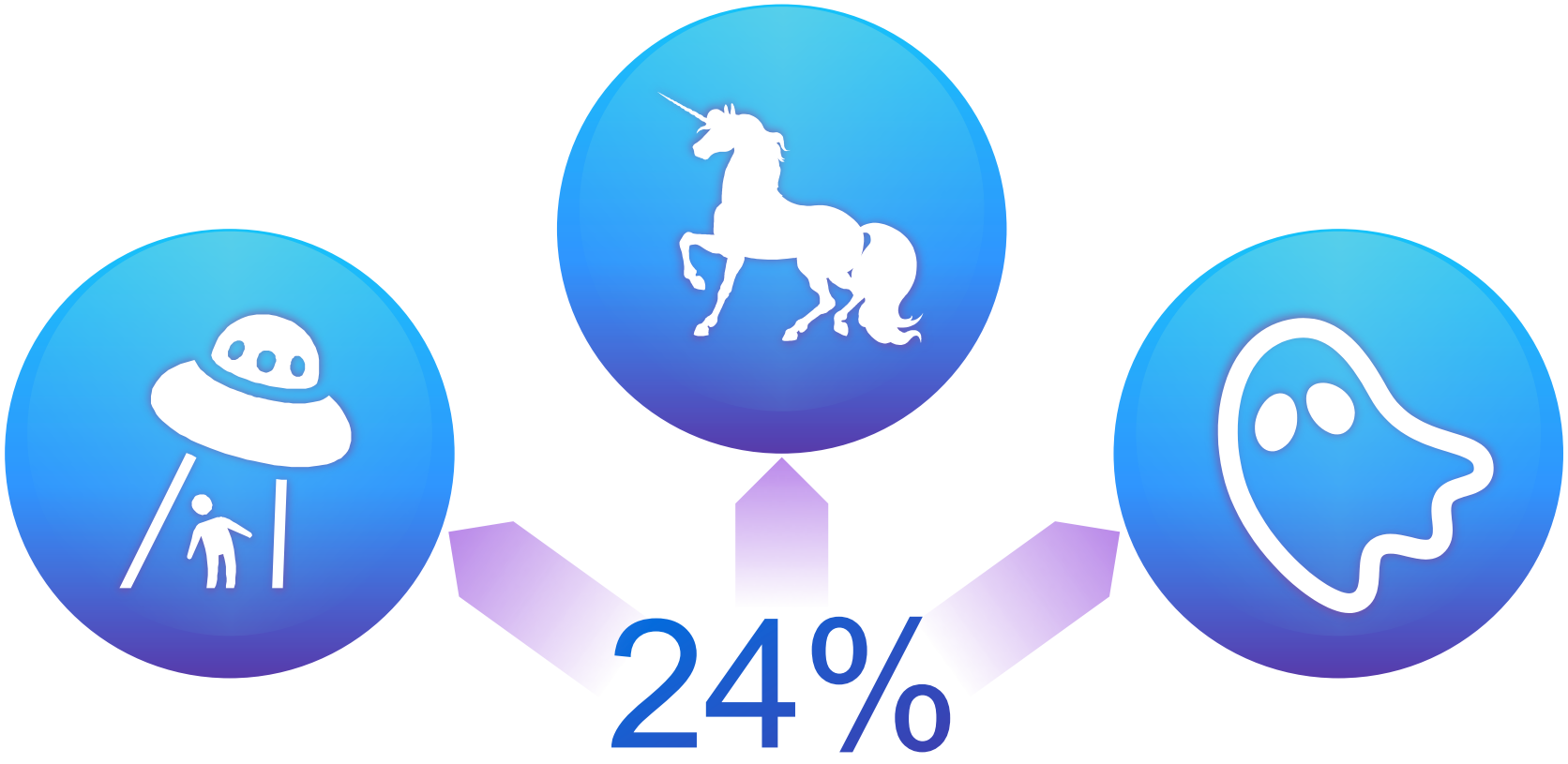
Cloud Deployments in Perspective



Nearly one quarter of IT decision makers said that over the next six months, they are more likely to see a UFO, a unicorn or a ghost before they see their company's cloud migration starting and finishing.

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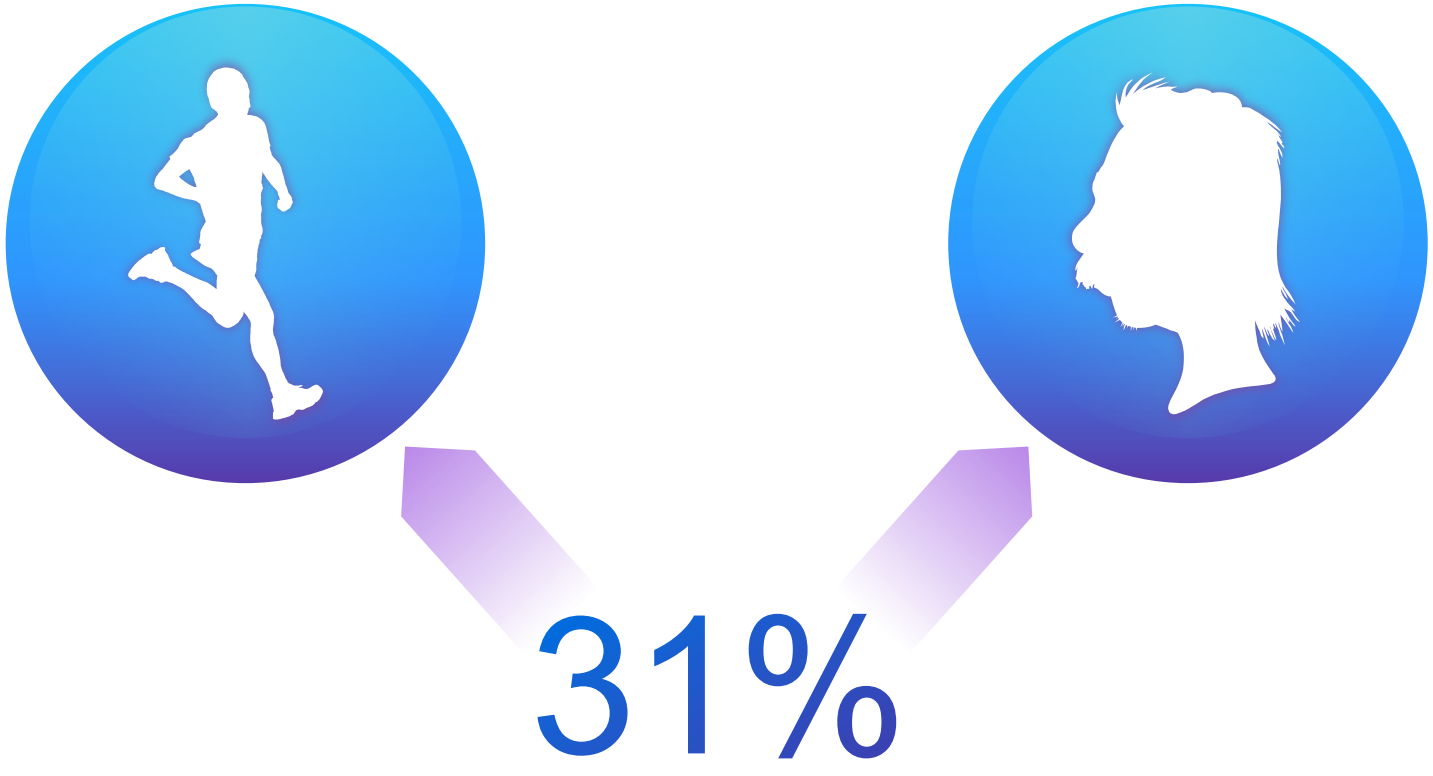
Cloud Deployments in Perspective



More than one quarter said they could train for a marathon or grow a mullet in a shorter period of time than it would take to migrate their company's applications to the cloud.

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Cloud Deployments in Perspective

24%

Nearly one quarter think the odds are better for them to be struck by lightning than have their cloud applications breached by an unwanted third party.

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