

Cloud Migration Survey Summary

This survey was conducted to explore the challenges, strategies, and awareness of Cloud professionals when it comes to Cloud migration and monitoring; and to surface top priorities for effective Cloud migration strategies and solutions.



CONDUCTED BY

IEEE Computer Society
January – March 2018

THE TAKEAWAY

Conducted from January to March 2018, the survey results show that most companies have begun migrating workloads to the Cloud. Of the 303 Cloud professionals surveyed, top priorities are improving speed and agility; optimizing costs; preventing data loss; and visibility and monitoring for end-to-end visibility.

SMART FINDING #1

56% of respondents
have started migrating workloads to the Cloud.

Professionals overseeing their company's Cloud strategy commonly cite their primary responsibility as selecting the most appropriate and effective Cloud migration strategy and associated application.

SMART FINDING #2

61% of companies
cite performance as their #1 business goal.

Cloud professionals surveyed report that speed and agility is the primary goal for companies migrating to the Cloud, along with optimized costs and improved service delivery.

SMART FINDING #3

62% of enterprises
cite security as their #1 Cloud challenge.

Security breaches and downtime are critical issues for enterprises adopting and managing hybrid Cloud environments.

SMART FINDING #4

40% of DevOps teams
say performance monitoring is a key concern.

Professionals largely agree that the best strategy is to implement methods for pervasive visibility of traffic flows, both on-premises and in private and public Clouds.

Well-executed service delivery and assurance are tightly linked to a successful Cloud migration strategies.

SMART FINDING #5

45% of Cloud architects **say visibility during and throughout migration is critical.**

Respondents point to a lack of correlation and common situational awareness across disparate tools as a major shortcoming to delivering Cloud services before, during, and after migration.

SMART FINDING #6

Application reliability, availability and responsiveness are the top DevOps KPIs.

59% of Cloud professionals surveyed

cited blind spots in the production environment as a serious issue for service delivery.

WHAT'S YOUR STRATEGY?

With Cloud a lynchpin of many companies' DX strategies, optimizing its benefits is a business imperative. Efficient Cloud migration depends on a reliable, high-performance platform and a corporate strategy that supports Cloud adoption, opening the door to increased performance, lowered costs, and flexibility.



Cloud Smarter.

To learn more about how today's companies are approaching their critical Cloud challenges, download the [IEEE Cloud Survey Report](#).

▶ Download the Full Survey



Corporate Headquarters
 NETSCOUT Systems, Inc.
 Westford, MA 01886-4105
 Phone: +1 978-614-4000
www.netscout.com

Sales Information
 Toll Free US: 800-309-4804
 (International numbers below)

Product Support
 Toll Free US: 888-357-7667
 (International numbers below)

NETSCOUT offers sales, support, and services in over 32 countries. Global addresses, and international numbers are listed on the NETSCOUT website at: www.netscout.com/company/contact-us