



# MULTI-CLOUD REQUIRES NEW MANAGEMENT STRATEGIES AND A FORWARD-LOOKING APPROACH

A new global survey by BMC reveals the confusion created by multi-cloud, increased challenges facing organizations, and that intelligent next-generation solutions are empowering alternative approaches to multi-cloud management.



In every industry, the use of multiple public cloud platforms and services is enabling developers, lines of business and core IT with the speed and scale required by digital business. Along with those gains, the expansion beyond the traditional data center to distributed multi-cloud environments is creating complexity never seen before.

BMC, along with survey partner opinion.life, set out to gauge the impact that multi-cloud is having on enterprises around the world. A survey of over 1,000 IT professionals in 11 countries reveals that confusion reigns—around cost, around how to secure a broader attack surface, and even around the definition of “multi-cloud” itself.

Two out of every five respondents have no idea what their organizations are spending on cloud. More importantly, there is clear consensus that managing multi-cloud environments requires new approaches to effectively harden security, reduce complexity, increase speed and performance, and gain better insights into costs associated with cloud services.

# Key Findings

40%

of respondents are unclear of their cost associated with cloud



80%

of respondents acknowledge that multi-cloud requires new approaches



78%

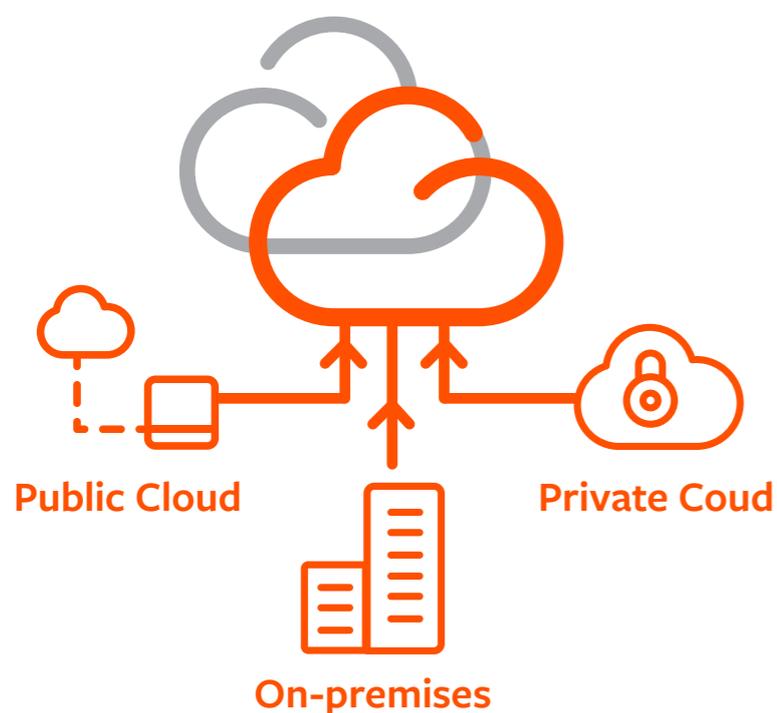
of respondents are turning to artificial intelligence for help



## CONFUSION PERVADES WHEN DEFINING MULTI-CLOUD

While many definitions of multi-cloud exist, **52%** of respondents agree that the term multi-cloud includes a combination of public and/or private clouds as well as on-premises platforms.

**23%** believe that multi-cloud encompasses all three: **on-premises, private clouds, and public clouds.**



52%

23%

## COSTS ASSOCIATED WITH CLOUD ARE UNCLEAR TO MANY

**40%** of respondents do not know how much their business is spending on cloud services in total.



40%

## COST OPTIMIZATION IS THE MAIN DRIVER FOR ADOPTING MULTIPLE PUBLIC CLOUDS

45%

Cost Optimization



44%

Maintaining Agility



40%

Risk Mitigation



Cost optimization, maintaining agility, and risk mitigation were selected by at least 2 out of 5 respondents when asked about reasons for using more than one public cloud vendor.

## AUTOMATION IS A TOP CHALLENGE

Automation is a top challenge when managing multi-cloud environments, following only security and governance.

Respondents also cited challenges around optimizing resource utilization and cloud consumption costs, and having enough people with the right expertise.



## SECURITY, PERFORMANCE, AND COST MANAGEMENT ARE WHERE MONEY IS BEING SPENT ON CLOUD

Over the next 24 to 36 months, respondents plan to spend the most on security as part of their overall cloud investments, followed by capacity optimization, performance analytics and management, and cost management.

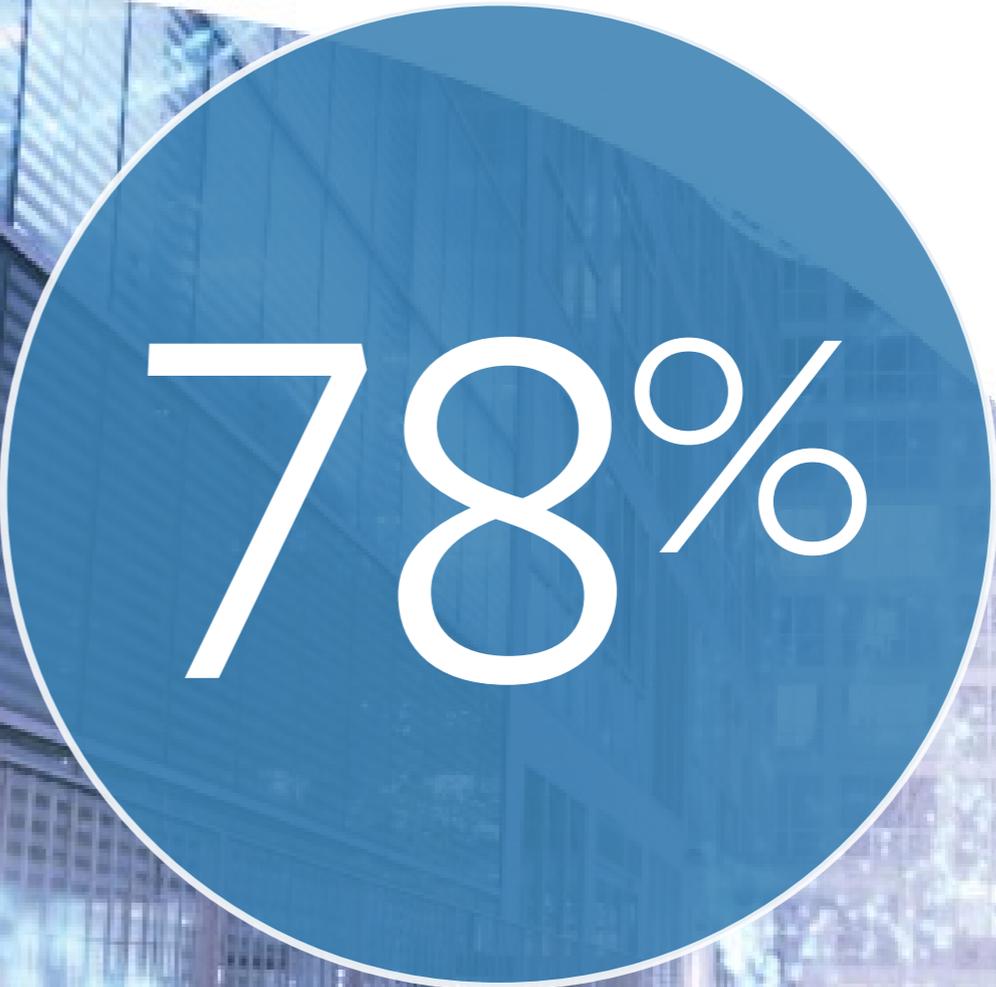


## MANAGING MULTI-CLOUD REQUIRES NEW APPROACHES

80%

**80%** of global respondents agree that current multi-cloud management approaches need rethinking.





# 78%

## ARTIFICIAL INTELLIGENCE IS AN EMERGING NEW MULTI-CLOUD APPROACH

**78%** of global respondents indicate that their companies are looking at ways to apply artificial intelligence as part of their multi-cloud management strategy.

A circular inset image shows a man in a light-colored suit and dark tie, smiling as he looks at his smartphone. The background of the entire page is a blurred office environment with blue and teal tones.

Learn more about  
BMC's strategy and  
portfolio of solutions  
for multi-cloud  
management at  
[bmc.com/multi-cloud](https://bmc.com/multi-cloud).

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**BMC digital IT transforms 82 percent of the Fortune 500.**



#### METHODOLOGY

1,026 respondents were surveyed online worldwide (France, Germany, Spain, UK, Australia, China, India, Brazil, Canada, Mexico, USA) in August 2017. Respondents were eligible if they had specific IT job titles (Senior ITDMs: CIO, CTO, COO, CDO, VP IT Infrastructure and Operations, VP Application Development or above; or ITDM: Enterprise Architect, Cloud Architect, IT/MIS/BIS Director, IT/MIS/BIS Manager), were employed by a business of more than 250 employees, and were currently using cloud services. The USA and India respondents were split between 50 senior ITDMs and 100 other ITDMs. All other markets were split between 30 senior ITDMs and 50 other ITDMs. Data has been weighted so that each market contributes equally to regional and global totals. Respondents were surveyed online by research firm [opinion.life](http://opinion.life).



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