

The Value and Role of Unified Cloud Automation Platforms

Enterprises continue to shift toward a **hybrid multi-cloud architecture** of disparate on-premises infrastructure, public and private clouds, and hosted services.

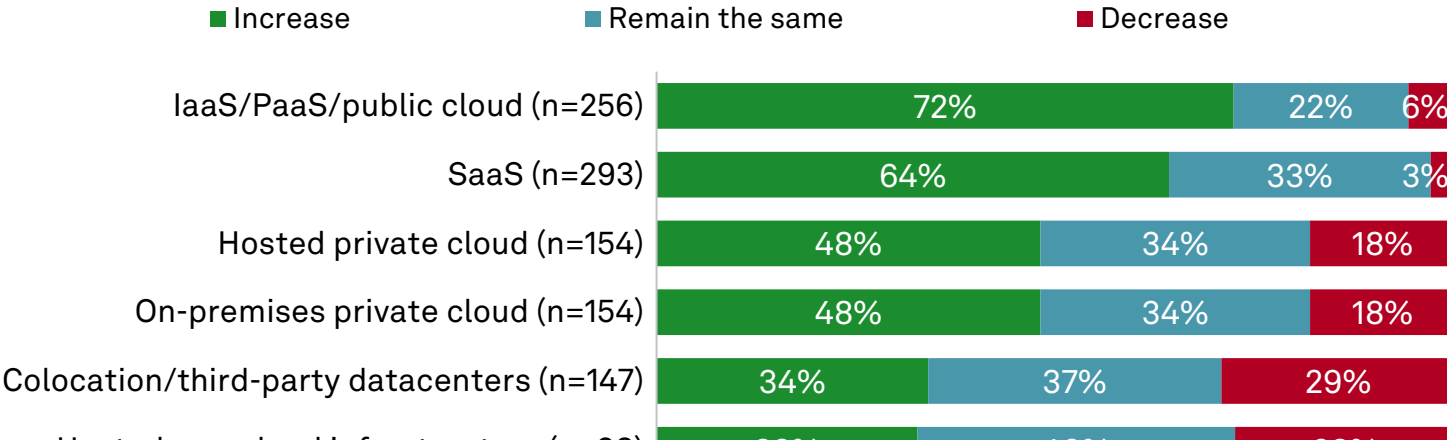
Its pace is actually accelerating and with it concerns grow over how best to manage hybrid IT and the workloads that run within it.



Hybrid IT accelerates

The shift toward hybrid multi-cloud architecture remains **consistent and strong**, spending increases for 2022 outpace decreases.

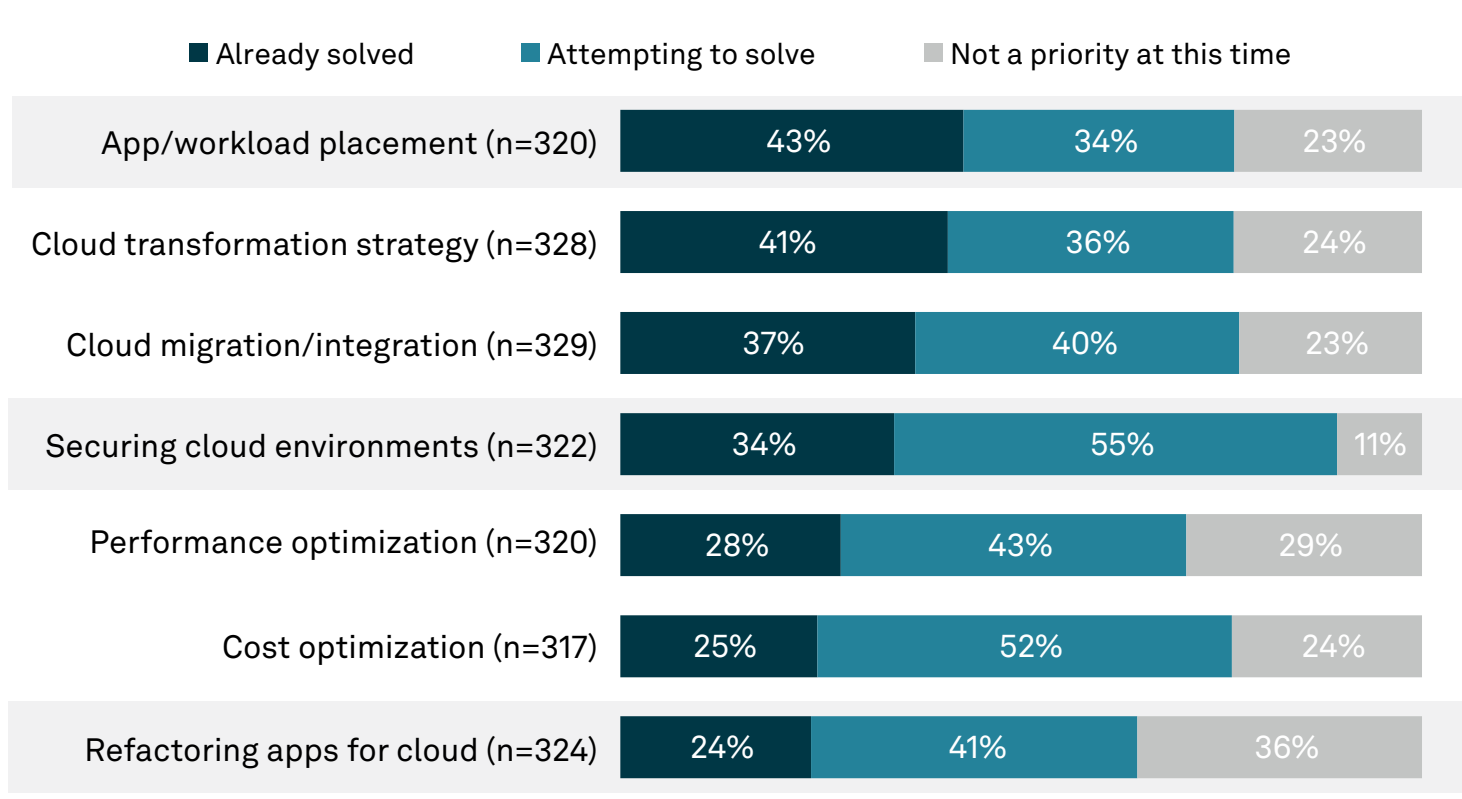
Please indicate if your organization's spending over the next 12 months will increase, decrease or remain the same compared to the previous 12 months?



Challenges persist

Many enterprises are still attempting to solve several **cloud operational challenges**.

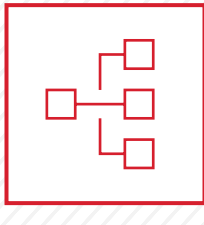
For each of the following operational challenges associated with public cloud or hosted infrastructure, please indicate whether your organization is currently attempting to solve the issue, has already solved it, or it is not a priority.



Infrastructure automation is a top priority

DevOps is critical to enterprise IT strategy, and infrastructure automation is critical to DevOps strategy.

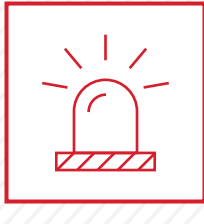
Top Tools for Enterprise DevOps



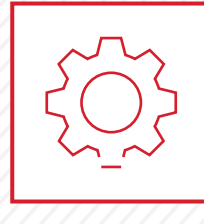
Infrastructure Automation
34%



Public Cloud Providers
33%



Monitoring Logging and Alerting
32%

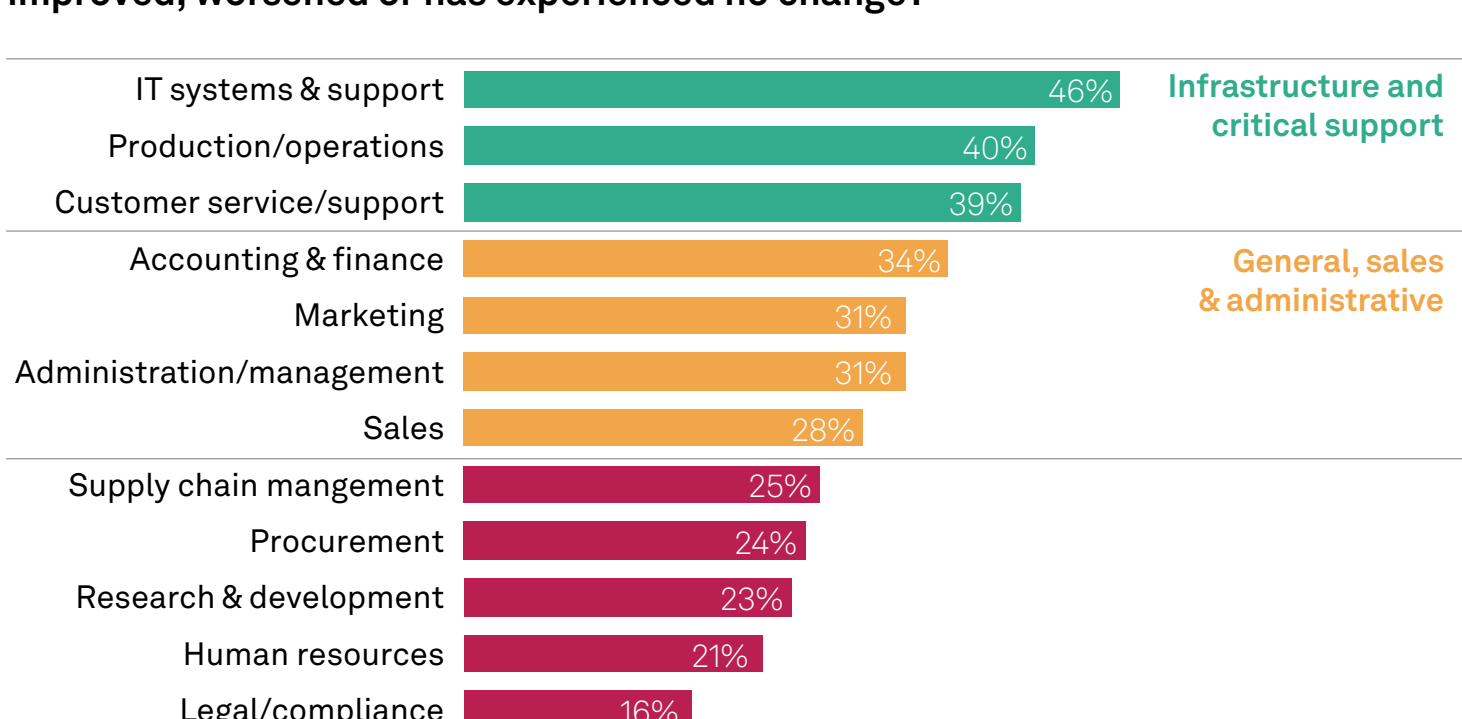


Process Automation
32%

Processes improved by automation

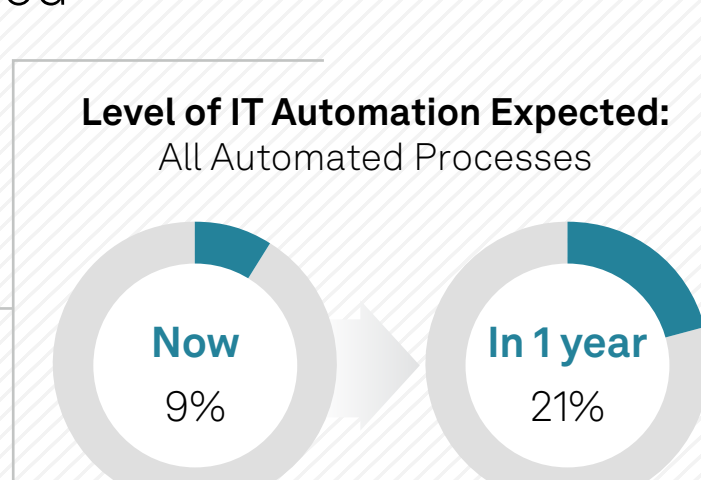
Automation is impactful across an enterprise but the **greatest improvement** is realized through the automation of IT systems and support.

Which of the following business functions/processes has automation either improved, worsened or has experienced no change?

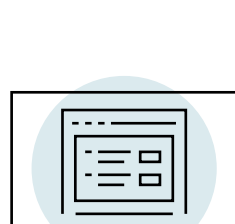


More IT automation needed

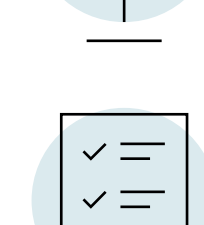
Business and IT leaders expect IT automation to increase and manual operations to decrease. Some expect 21% of enterprise IT processes to be automated in the next year, **a over 2-fold increase**.



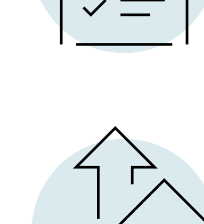
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Next-generation unified cloud automation platforms **provide a common control plane** that brings into view, and programmatically accesses, any cloud or other IT infrastructure providers administrative capabilities using pre-configured, reusable, customizable automated workflows.



They enable IT organizations to become **more responsive**, **work backlogs can diminish**, and **scarce IT skills can be allocated** more efficiently.



They provide **greater awareness** of IT execution efficiency and can help **improve the return on investment** of in-place IT infrastructure and subscription-based cloud services.

Sources: 451 Research's Voice of the Enterprise: Cloud, Hosting & Managed Services, Budgets & Outlook 2022; Voice of the Enterprise: DevOps, Workloads & Key Projects 2021; Voice of the Customer: Macroeconomic Outlook, Business Trends, Automation & Technological Change 2020

Red Hat Ansible Automation Platform

Most organizations operate a mix of infrastructures and environments, including public cloud, private cloud, and cloud-native environments. Red Hat Ansible Automation Platform hybrid cloud automation enables use cases that span public, cloud-native, and private cloud technologies, as well as the automation required to bridge cloud management, application development, release engineering, network, and security operations.

Learn more about the value and role of cloud automation in this e-book.

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