

# Automation in a cloud space

Enterprise organizations in every industry are migrating workloads to cloud environments. Whether it is a private cloud, public cloud, or hybrid environment, migrating from on-premise or other locations has grown in popularity in the last decade. [According to recent research](#)<sup>1</sup>, 94% of enterprises use cloud services and 92% of enterprises have a multicloud strategy in place. The cloud plays a key role in many organizations.

However, managing a cloud environment, and often multiple clouds at that—in coordination with network operations—can be complex. IT teams must manage, track, scale, and safeguard all applications manually, on-site and in cloud-based environments. This approach can be time consuming, error prone, and impede scalability and consistency across the organization.

In today's complex and hyper-competitive business environment, finding a way to improve operations in a cloud environment is fundamental to success. IT teams need to operate with speed, agility, and scale up or down as needed to handle the rapidly shifting workloads of today's enterprise.

Automating the cloud management process removes the need for manual management, freeing up resources and allowing IT teams to focus on tasks that bring more value to an organization.

Cloud automation can benefit network automation and play an important role in the overall management and transformation of enterprise organizations. For IT teams, looking to find the right automation platform and partner should be a business imperative.

## Getting started with automation in a cloud space

Cloud automation use cases can seem overwhelming as cloud applications continue to grow across the enterprise. In a multicloud environment, finding the right platform and partner to automate various cloud applications, value can be realized almost immediately. IT leaders should consider the following recommendations as they move along in their automation journey.

- ▶ Develop a plan. With workloads spread across private, public, and hybrid cloud environments, developing a plan for automation is key to success.
- ▶ Employ user-friendly tools. Finding an automation platform that is straightforward and uncomplicated to use across a variety of cloud platforms will increase adoption rates.
- ▶ Cloud agnostic. An automation platform needs to work with multiple cloud providers from Amazon Web Services (AWS) to Microsoft Azure. This interoperability will make it less difficult to grow and expand as needed.

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<sup>1</sup> Flynn, Jack. "25 Amazing cloud adoption statistics (2023): Cloud migration, computing, and more." Zippia. 19 Dec 2022.

- ▶ Scalability wherever business happens. Finding an automation platform that extends wherever business happens—on-premise, in datacenters, at the edge, and in the cloud is crucial.
- ▶ Find a partner, not just a platform. Finding a partner who can take advantage of their own skills and experiences to augment and assist your team as they launch automations will drive long-term success.

Automation can unite multicloud management into one set of processes to improve consistency, scalability, and agility, further driving digital transformation across the enterprise. Red Hat® Ansible® Automation Platform delivers the tools to connect and manage processes, delivering a value that cannot be overstated in today's economic environment. If you would like to find out more about how automation can help your enterprise, watch the video series [Autom8 with Ansible](#).

### Use cases for automation in a cloud space

Cloud applications are often used to improve operational efficiencies and transform organizations. But management can prove otherwise, which is why enterprises are realizing the power that automation in a cloud space can bring. For example, [Ascend Money](#)<sup>2</sup>, Southeast Asia's largest fintech company, needed a way to centralize development and deployment of digital applications. With Red Hat technology, work that used to take 1 week can be completed in 2-3 days. The increased agility and support capabilities allow Ascend Money to offer innovative banking services across the region.

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<sup>2</sup> Red Hat customer success story. "Ascend Money builds central app platform, delivers services faster," accessed March 2023..



### About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers develop cloud-native applications, integrate existing and new IT applications, and automate and manage complex environments. [A trusted adviser to the Fortune 500](#), Red Hat provides [award-winning](#) support, training, and consulting services that bring the benefits of open innovation to any industry. Red Hat is a connective hub in a global network of enterprises, partners, and communities, helping organizations grow, transform, and prepare for the digital future.

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