

# ENABLING HYBRID & MULTI-CLOUD NETWORKING

Traditional network architectures simply cannot keep pace with changing business needs and models. Digital transformation, DevOps processes and cloud adoption are driving the need for more agile, automated networks based upon software-defined technologies.

**54%** of IT professionals say their network is more complex than it was two years ago.<sup>1</sup>

**40%** of workloads will be deployed in the cloud by 2023, up from 20 percent in 2020.<sup>4</sup>

**37%** say that lack of automation of manual tasks is the top data center networking challenge.<sup>2</sup>

**35%** of organizations adopting a multi-cloud strategy will use a single network software stack by 2025, a 10X increase over 2021.<sup>5</sup>

**30%** of organizations plan to use network automation in the next 12 to 24 months.<sup>3</sup>

**65%** of organizations have aggressive plans to modernize legacy systems through 2023.<sup>6</sup>

1,2,3 ESG  
4,5 Gartner  
6 IDC

## FACTORS DRIVING THE NEED FOR NETWORK MODERNIZATION



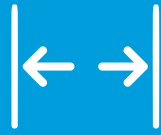
### LACK OF AUTOMATION

Manual, error-prone network management processes consume IT resources and increase operational costs.



### INADEQUATE CLOUD SUPPORT

The network was not designed for a hybrid cloud and multi-cloud strategy, and does not provide full visibility of physical and virtual resources.



### SKILLS GAPS

Network administration requires vendor-specific skill sets that are difficult to find in today's marketplace.



### INABILITY TO MEET BUSINESS DEMANDS

Network administrators cannot keep pace with accelerated application and workload rollouts.

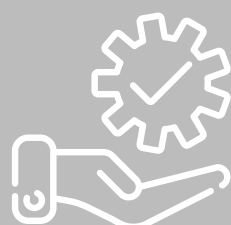


### SLOW PROBLEM RESOLUTION

IT is unable to rapidly troubleshoot and resolve network outages, performance problems and security issues.

## BENEFITS OF A HIGHLY AUTOMATED, SOFTWARE-DEFINED NETWORK

### IMPROVED EFFICIENCY



Automated tools and centralized administration eliminate time-consuming box-by-box management.

### MAXIMIZED RELIABILITY

Consistent policy-based automation minimizes human error, while end-to-end visibility enables rapid problem resolution.



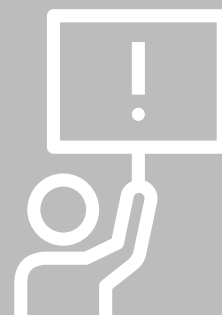
### ENHANCED SECURITY



IT has more granular control over security policies, and automated tools can automatically redirect traffic when anomalies are detected.

### GREATER AGILITY AND SCALABILITY

Network services can be provisioned in minutes and scaled on demand.



## Want to learn more?

Please contact your Computacenter team to discuss how we may better support your hybrid and multi-cloud networking environment.