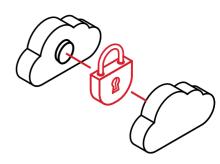
Network transformation is a critical success factor in digital transformation

Digital transformations rely on a variety of cloud services that need to be securely connected.





57%

of enterprises will be deploying applications primarily in laaS and SaaS by 2023.



of enterprises will be deploying applications primarily in private clouds.



Nearly 100% of enterprises will be using multiple clouds.

Enterprises are using a variety of products and services for cloud networking, which complicates operations.

52%

of enterprises use networking from their public cloud providers.

41%

use cloud connectivity services from managed services providers.

27%

use service providers to connect to cloud services.

Enterprises are relying on cloud providers for advanced cloud networking features

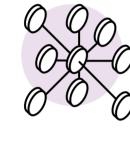


51% of enterprise IT respondents want to use security functions from clouds.



of enterprises want

to use their clouds as backbones.



38% of IT respondents will use application

networking such as service mesh from their cloud providers.

manage. Enterprises can tame cloud networking complexity and unlock the benefits of cloud. Without cloud networking With cloud networking

Cloud enables transformation but can be complex to

Complex management

It is difficult to make changes like adding or removing networks or changing existing networks because the web of connectivity

grows out of control. Inconsistent security and policy control



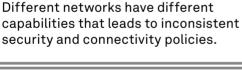
Adaptable management The network and its services can be

minimal impact to connectivity and low risk of outages. Consistent policies ensure

Security and configuration requirements

changed reliably and quickly with

better operations



Difficult to monitor There are many connecting points and many variables as application traffic



are met uniformly and dynamically applied irrespective of the underlying technology or network.

Troubleshooting is vastly improved.

Dependable performance

End-to-end visibility Complete visibility and actionable analytics improves all facets of operations and forecasting.



passes over many networks.

Troubleshooting is very difficult.

Disparate networks may be underutilized leading to wasted costs, over utilized incurring errors and delays, and long, convoluted end-to-end paths



Consistent and reliable management that can quickly adapt to changing conditions ensures application performance.

End-to-end visibility of usage,

efficient cost management and

forecasting.

Deep insights lead to better cost controls

costs and consumption pricing makes planning and forecasting impossible.

and metering on networks using fixed

Cost management is difficult

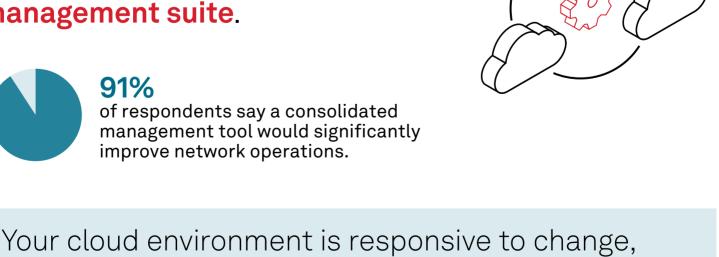
Lack of visibility in the different licensing



consumption and costs leads to more

management suite. 91% of respondents say a consolidated management tool would significantly improve network operations.

single multi-vendor, multi-function



scalable to meet demand, easy to manage, and secure against attacks.

Your network should be as well.

Using a comprehensive management platform across all your networks, and supporting manual and automated workflows will power your cloud environment to new heights.

Sources: 451 Research Voice of the Enterprise: Internet of Things, IoT Connectivity - Private Network July 2022; Intelligent Edge Study 2021



To understand how to successfully navigate transition into Cloud Networking, download 451 Vanguard Report

Visit Kyndryl **Cloud Networking**