

HYBRID CLOUD

2021 AND BEYOND

The Hybrid Cloud is the platform for deciding where to place an application for its best performance. Is it in the company data center? At a colocation facility? In a Public Cloud? Out at the Edge? Here are some data points to consider.

52%

52% using or planning a fully integrated hybrid environment in pursuit of security policy consistency, overall agility enhancements and reduced total cost.

According to the Uptime Institute, half of all workloads will be run outside the enterprise data center by 2021, either in cloud and data center infrastructures or at the network edge.

2021

94%

of compute workloads

By 2021, cloud data centers will process 94% of compute workloads

46%

said they have a formal strategy in place for hybrid cloud

10%

indicating they are in the planning stages

44%

indicated that they have begun implementing hybrid cloud pilots

“Cloud is about how you do computing, not where you do computing.”

– Paul Maritz, CEO of VMware

“By 2022, more than half of enterprise-generated data will be created and processed outside of data centers, and outside of cloud.”

– Gartner

60%

of Servers

NOKIA Bell Labs

60% of Servers will be located in an edge data center by 2025

Gartner

45% of IoT data is processed at the edge

45% of IoT data

45%

of IoT-created data

IDC

45% of IoT-created data will be stored, processed, analyzed and acted upon close to, or at the edge, of the network.

What are the biggest challenges for organizations engaged with public cloud today?



66%

Security



60%

Governance & Compliance



58%

Staff Lacks Cloud Experience



57%

Privacy

When will 95% of Workloads Run in the Cloud?

53%

5 years

13%

Never