



Kyndryl Cloud Networking



Connect to your resources dynamically and cost effectively in multiple clouds

The IT landscape of almost every business is a complex mix of disparate cloud environments, often spanning multiple cloud providers. Today, enterprises are going through one of the most significant disruptions driven by multi-cloud access and the new normal of a distributed workforce. By 2025, Gartner estimates that over 95% of new digital workloads will be deployed on cloud-native platforms, up from 30% in 2021!

What is Cloud Networking?

Kyndryl™ Cloud Networking builds capabilities in a world where users and applications operate across multiple clouds and data centers. From connecting a range of network services in the cloud to using innovative partner technologies for multi-cloud networking, cloud-native abstraction, and virtual overlays, Cloud Networking makes distribution within cloud and to cloud networks look like a single, logical entity with managed services for interconnected clouds.

With Kyndryl Cloud Networking, enterprises can:

- Connect to the cloud in a direct and security-rich way
- Design and implement network architecture for cloud
- Manage the new cloud networking estate and reduce costs

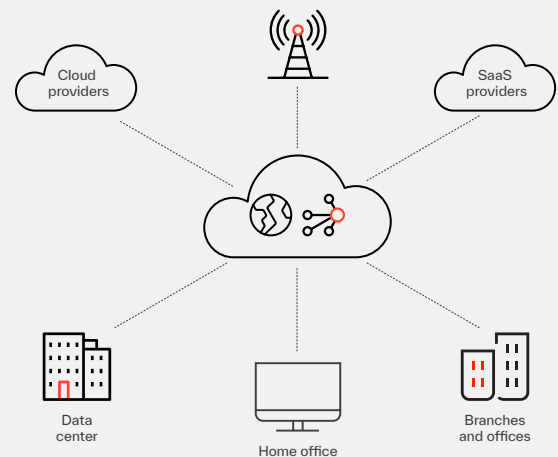


Figure 1: End-to-end implementation, provisioning, policy, and visibility

Kyndryl Cloud Networking portfolio at a glance



Consulting services

- Cloud network architecture, assessment, and modernization strategy
- Assessment of current network architectures
- Recommendations to reduce network spend and optimize connectivity



Universal connectivity

- Global connectivity framework
- Single pane of glass for provisioning and monitoring of on-premises and cloud networks
- Flexible connectivity fabric between physical locations and multiple clouds
- Kyndryl WAN aggregation and peering managed services



Cloud-based WAN

- Cloud implementations that span on-premises and public cloud deployments and operate as separate entities but are integrated with an overlay service
- Optimized network spend and utilization with consistent quality over the Internet or a private backbone



Secure access service edge (SASE)

- Implementation of strong security at the edge
- End-to-end, fully integrated SASE solution leveraging a cloud-based infrastructure ecosystem and Kyndryl managed services



Automation and orchestration

- Platform for multi-cloud network automation
- Common platform to simplify creating, securing, and managing network services in the cloud
- Kubernetes networking
- Multi-cloud connectivity automation



Managed services

- Management of the most complex network topologies and connectivity requirements
- Full scope of managed network services for Amazon Web Services, Microsoft Azure, Google Cloud Platform, and private clouds
- Predictive and proactive quality of experience management using Kyndryl Bridge and AI operations and management

Use Cases

Enterprise connectivity with cloud access

- Always-on, security-rich connectivity through the worldwide arrangement of local point-of-presence locations for users, branch office connectivity, and on-ramp connectivity to cloud providers

Hybrid cloud networking

- Cloud implementations across on-premises and public cloud deployments

Remote access with zero trust

- Next-generation transit and cloud access to work between multiple vendors

Why Kyndryl?

At Kyndryl, we are committed to the health and continuous improvement of the vital systems at the heart of the digital economy. We design, build, manage, and modernize the mission-critical technology systems that the world depends on every day. With our partners and thousands of customers in 100+ countries, we co-create solutions to help enterprises reach their peak digital performance. With more than 30 years of experience across the IT stack, supporting everything from applications and servers to cloud, storage, and more, we understand the challenges and complexity of introducing Cloud Networking and will work with you for a smooth integration with your existing environment.

Learn more

To learn more about Kyndryl Cloud Networking, visit kyndryl.biz/CloudNetworking or scan the QR code below to book a 30-minute, no-cost strategy session with a Kyndryl expert.



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Citations

1 Optimization and Management of Technology Infrastructure, IBM, May 2020