

# Multicloud Gateway: A New Paradigm for Agile AI-Ready Multicloud Networking

Multicloud gateways empower enterprises to overcome complexity, reduce costs, and achieve high-performance, scalable cloud networking for digital transformation and AI workloads.



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## Agile networking for digital transformation

Hybrid and multicloud architectures are now the standard foundation for AI-driven enterprise workloads.

Enterprise cloud strategies are firmly hybrid and multicloud — and still expanding.

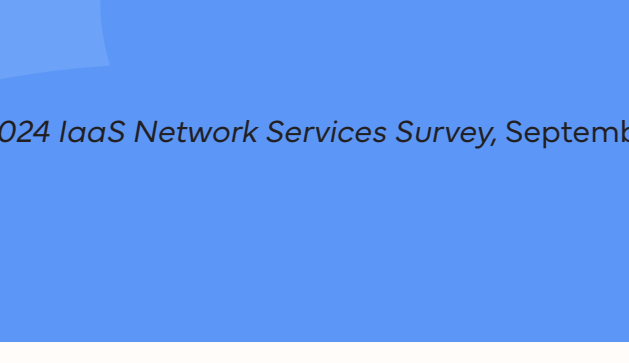
**90%**

of cloud buyers are deploying or operating hybrid cloud.

**84%**

of organizations use multiple cloud providers.

**66%**  
of organizations have deployed multicloud.



**31%**  
are planning to deploy it within 12 months.

Sources: IDC's 1Q25 Cloud Pulse Survey, May 2025; IDC's 2024 IaaS Network Services Survey, September 2024

## Managing key IT enterprise networking challenges

Enterprises face mounting challenges securing, scaling, and architecting networks for hybrid, multicloud, and AI workloads.

The biggest IT and network challenges for enterprises in 2026–2027:

Establishing network reliability and resiliency

**40%**

Leveraging network and IT partners to supplement internal talent

**30%**

Implementing hybrid and multicloud networking

**28%**

Architecting the network to enable AI workloads

**25%**

Sources: IDC's Future Enterprise Resiliency and Spending Survey, August 2025; IDC's Enterprise Communication Services Survey, November 2025

## Top enterprise IT spending priorities for 2026–2029

The requirement for scalable, low-latency networking for AI workloads will drive enterprise networking investment in the near future.

Top 3 IT/networking spending priorities:

AI/GenAI/advanced data analytics

**44%**

Improved performance of applications on the WAN

**33%**

Improved access to cloud services

**32%**

Source: IDC's Enterprise Communication Services Survey, November 2025

## Multicloud gateways: The solution

Multicloud gateways (MCGWs) streamline connectivity, reduce costs, and enhance resilience.

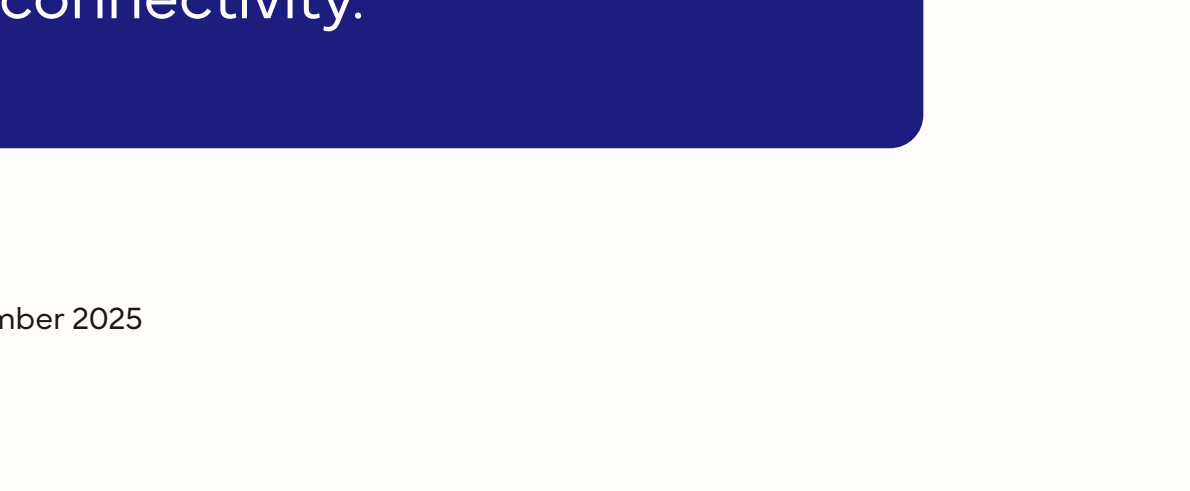
MCGW solutions:

**Reduce** complexity by streamlining routing and using private paths for BGP sessions.



**Facilitate** the reduction of cloud egress costs.

**Centralize** management and policy control.



**Deliver** scalable, future-ready connectivity.



Source: IDC's Multicloud Gateway: A New Paradigm for Agile Enterprise Cloud Networking, December 2025

## Enhancing the performance of the edge for multicloud deployment

An MCGW solution enhances legacy multicloud networking by enabling:



**The deployment of workloads** closer to the network edge via low-latency connections



**Real-time, scalable connectivity** to improve enterprise agility



**Lower operational complexity**, reducing reliance on proprietary cloud expertise



**Reduced costs** of moving traffic among distributed regional cloud zones

## Future proof your cloud network

Enterprises should prioritize partners that deliver dynamic, programmable, on-demand, and scalable multicloud networking.

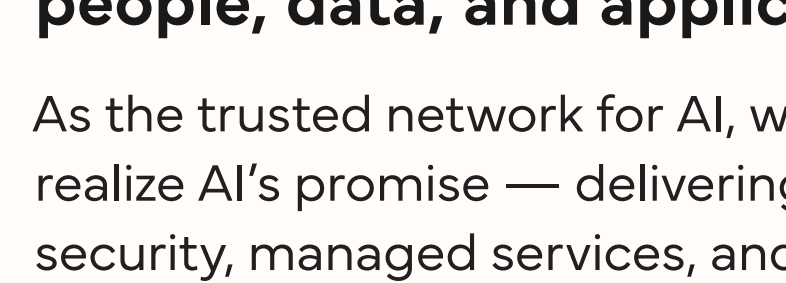
Evaluate solutions based on programmable multicloud networking performance.

Ensure consistent, measurable network management.

Support long-term capacity growth and scalability.

Source: IDC's Enterprise Communication Services Survey, November 2025

## Message from the sponsor



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As the trusted network for AI, we use our global scale to help businesses realize AI's promise — delivering metro and long-haul connectivity, edge cloud, security, managed services, and digital platforms for today and tomorrow.

Learn how Lumen Multi-Cloud Gateway enables agile hybrid and multicloud networking — helping organizations reduce latency, control egress costs, strengthen security, and simplify connectivity across clouds, data centers, and the edge to support AI and real-time applications.

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