Lumen® Cloud Interconnect

Designed to keep your business connected to critical cloud regions

Critical applications keep your business running. A connectivity disruption can interrupt access and stall operations.

Lumen® Cloud Interconnect helps keep your critical cloud connections available and performing, with dedicated, resilient connectivity from your locations to supported cloud regions.

Built for enterprises with mission-critical, bandwidth-intensive workloads that depend on specific cloud regions, it delivers private connectivity off the public internet, helping keep you connected to the regions that matter most.

Help Stay Connected When It Matters Most
Multiple dedicated, redundant channels, proactively managed by Lumen, help keep critical cloud connections available and reduce downtime risk from a single-path failure.

Predictable Performance for Critical Workloads
Dedicated capacity supports consistent performance for your most demanding, high-priority cloud workloads.

Reach the Clouds and Regions You Rely On
Connect directly to Amazon Web Services, Google Cloud*, and Microsoft Azure*.

Less Time Spent on Connectivity Changes
Self-service through Lumen® Connect or application programming interfaces helps simplify provisioning and adjustments.

Flexibility as Your Workloads Change
Choose from 1–100 Gbps, with the flexibility to increase bandwidth on your terms.

**In public preview, not generally available*



By the Numbers

- Keep workloads connected with a Lumen **99.99%** service availability SLA
- Choose from **1–100 Gbps** and increase bandwidth on your terms
- Private, diverse paths to your clouds, built on **~340K** route-miles of Lumen fiber

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Common Use Cases

- **Mission-Critical Application Access:** Dedicated, redundant channels to key cloud regions help reduce single-connection risk and help keep critical apps performing during maintenance or disruptions.
- **AI and Data-Intensive Workloads:** Private bandwidth designed to scale for large data transfers, model training, and analytics that need predictable performance.
- **Cloud Backup, Data Replication, and Resiliency:** Move recovery traffic over redundant private connections with automated failover to support continuity and data synchronization across sites, clouds, and data centers.
- **Workloads Across Clouds and On Premises:** Consistent hybrid connectivity helps reduce bottlenecks and support application performance and continuity across clouds and on-premises systems.

Key Features

- Managed Layer-3 connectivity over the Lumen® Connectivity Fabric℠ to help ease operations
- Resilient connectivity over multiple channels split between different physical sites designed to reduce downtime
- Private cloud connectivity that stays off the public internet
- Flexible bandwidth design that grows with your business
- Self-service provisioning through Lumen® Connect and APIs for quick changes
- Border Gateway Protocol (BGP) routing for dynamic route exchange
- Media Access Control Security (MACsec) encryption to help protect data in transit
- Equal-cost routing policies to help balance traffic across channels
- Available in select U.S. markets

Ready to keep your critical cloud connections available?

Get started in Lumen® Connect or contact your Lumen representative.

Why Lumen?

Lumen® Cloud Interconnect is designed to deliver private, resilient connectivity to supported cloud regions across major hyperscalers, backed by ~340K route-miles of Lumen fiber and a 99.99% availability SLA. Delivered as a Lumen NaaS solution and sold through Lumen® Connect, it enables on-demand provisioning from 1–100 Gbps via self-service or APIs.

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