# Lumen® Cloud Connect & AWS Direct Connect

## Lumen has the most direct connections to AWS globally

Lumen can fully enable your AWS cloud experience virtually anywhere in the world with more cloud connect/direct connect than any other company globally. A low-latency, secure connectivity with flexible bandwidth.

Lumen Cloud Connect Solutions delivers, high-performance virtual interfaces directly to the AWS cloud services, bypassing the public Internet. Our extensive global reach and extensive Wavelength, Carrier Ethernet and IP VPN connectivity options meet today's hybrid cloud business requirements. Prebuilt dynamic connections to AWS cloud, which can be managed via SDWAN allows more flexibility for cloud-first enterprises.

## Flexible Connectivity Solutions

### Dynamic connections

- Real-time, self-service ability to add and remove private connections to cloud and data center environments via self-service portal or API integration.

### Enhanced management

- Real-time visibility of end-to-end network performance metrics to assist planning, troubleshooting and fine-tuning your network for optimal performance.

### Dynamic capacity

- Address fluctuating traffic demands by increasing your bandwidth by up to 300% via self-service portal, automated or scheduled.



## Common Use Cases

- Move workloads that require agile, global, and reliable connections to and from AWS.

- Seamlessly access public and private data centers on the cloud with connectivity options designed to support business needs.

- Safeguard sensitive and confidential data as workloads are moved to and from AWS.

- Supports internal and external mission critical applications, test environments, data processing, data replication, and backup/recovery. Meet today's demanding and dynamic business requirements by rapidly and dynamically adjusting AWS connectivity.

For 7 years in a row AWS has chosen Lumen to power cloud connectivity at re:Invent.

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## Capabilities

### Global reach

- Cloud connections in the North American, European, Latin American and Asia-Pacific regions.
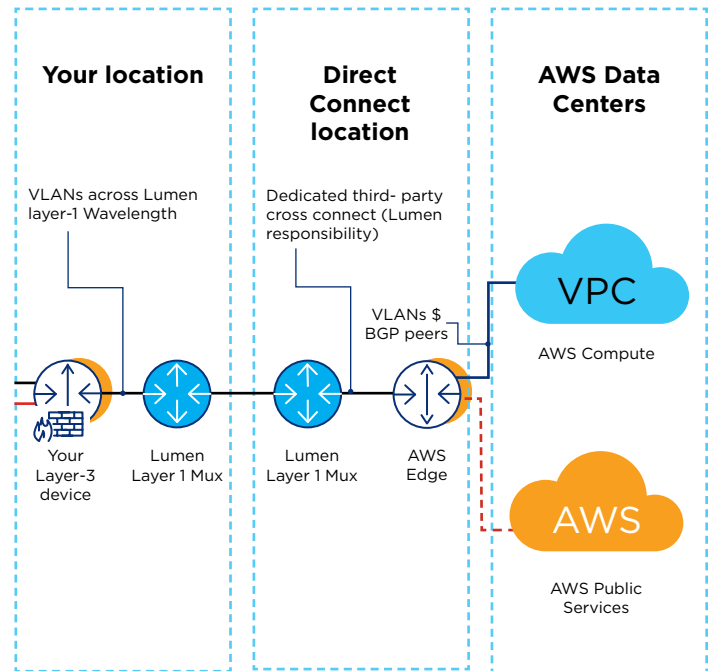
### Connectivity

- Extensive global connectivity options including Wavelengths, Ethernet Services and IP VPN, dedicated Direct Connect solutions, and separately NNI-based Hosted Connections DX solutions.

### Visibility

- Self-service portals, mobile applications and APIs for accessibility to data, metrics and SDN network controls.

### Data center connectivity

- 360+ Lumen data centers, 2,200+ third-party data centers.

**Your location**

VLANs across Lumen layer-1 Wavelength

Your Layer-3 device

Lumen Layer 1 Mux

**Direct Connect location**

Dedicated third- party cross connect (Lumen responsibility)

VLANs $ BGP peers

Lumen Layer 1 Mux

AWS Edge

**AWS Data Centers**

VPC

AWS Compute

AWS

AWS Public Services

## Enabling your AWS experience

Lumen leverages years of experience plus AWS best practices and methodologies providing seamless cloud migrations and exceptional outcomes for our customers.

### Why Lumen?

As a certified Amazon Web Services (AWS) MSP Partner, Lumen has proven expertise in deploying, managing and optimizing AWS services. Lumen teams have proven success delivering low-latency access to virtually endless AWS resources paired with dynamic, network-aware orchestration, for truly optimized Hybrid IT solutions.

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