Lumen® Edge Private Cloud

Private infrastructure for next-gen cloud apps at the edge

Lumen Edge Private Cloud—based on VMware Cloud Foundation™ and Software-Defined Data Center (SDDC) technology—is designed to help reduce human errors, improve security and enable new levels of control and scalability between multiple clouds and the edge.

You design it You control VM density, security, scale and support model

We operate it We handle SDDC Manager and other core functions

We help you scale it Expert IT support available around the world

Simplify operations

Lumen delivers a single management platform based on VMware for deployment and management of all data center resources, as well as compatibility with orchestration tools.

Maximize security

Networking and security policies can be attached to their associated workloads by dividing the data center into distinct security micro-segments logically down to the level of the individual workload.

Enable applications

Replicate entire business application environments from clouds to the edge for disaster recovery—all without disrupting the applications or giving up control.

Pre-built private cloud service in our 60+ planned edge locations and available for 2,200+ public and private on-net data centers, globally.

Common use cases

- Disaster recovery and high availability between data centers and multiple clouds for next-gen apps
- Data center modernization from the cloud core to the edge for faster innovation of the digital business
- Enhanced risk management enabled by a full suite of optional, managed security services

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Highly customizable options*

Small option
- 20 cores
- 128 GB RAM
- 5 TB usable storage (SSD) per host

Medium option
- 32 cores
- 256 GB RAM
- 10 TB usable storage (SSD) per host

Large option
- 36 cores
- 512 GB RAM
- 15 TB usable storage (SSD) per host

Custom option
- 16 - 56 cores
- 128 GB to 1.5 TB RAM
- 5 TB to 35 TB usable storage (SSD) per host

Lumen edge infrastructure*

Large option
- 32 cores
- 768 GB RAM
- 20 TB useable (SSD) per host

Medium option
- 32 cores
- 384 GB RAM
- 10 TB useable (SSD) per host

Availability

Lumen Edge Private Cloud is available in North America, EMEA, APAC and LATAM in over 2,200 third party data centers and 60+ planned edge locations. Click here for availability.

Why Lumen?

With flexible app delivery options on the largest, ultra-low loss network in North America with approximately 3.5 million miles of fiber, Lumen Edge Private Cloud enables you to smoothly and efficiently run next-gen apps and your core business applications from the Premises Edge to the Metro Edge to the Cloud Core.

*All options configured per singular host

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