

LumenSM

CDN Object Storage

Lumen CDN Object Storage is a global, scalable CDN origin solution for content providers who demand high-speed transfer, high availability and security for their content. As an object-based storage system, Lumen CDN Object Storage can handle content libraries of virtually any size. The resilient storage architecture is connected to the LumenSM Content Delivery Network (CDN) via the Lumen IP backbone for easy, reliable delivery of content over the internet.

Benefits

High-speed

High-speed egress to the Lumen CDN via direct connectivity* to the Lumen IP network. An object-based storage architecture allows lightning-fast time to first byte.

High Availability

Upload content libraries of virtually any size globally. With resiliency across three storage devices or facilities, Lumen CDN Object Storage is backed by a 99.9 percent uptime service level agreement. Built-in data integrity mechanisms constantly check object storage state and self-apply repairs.

Secure

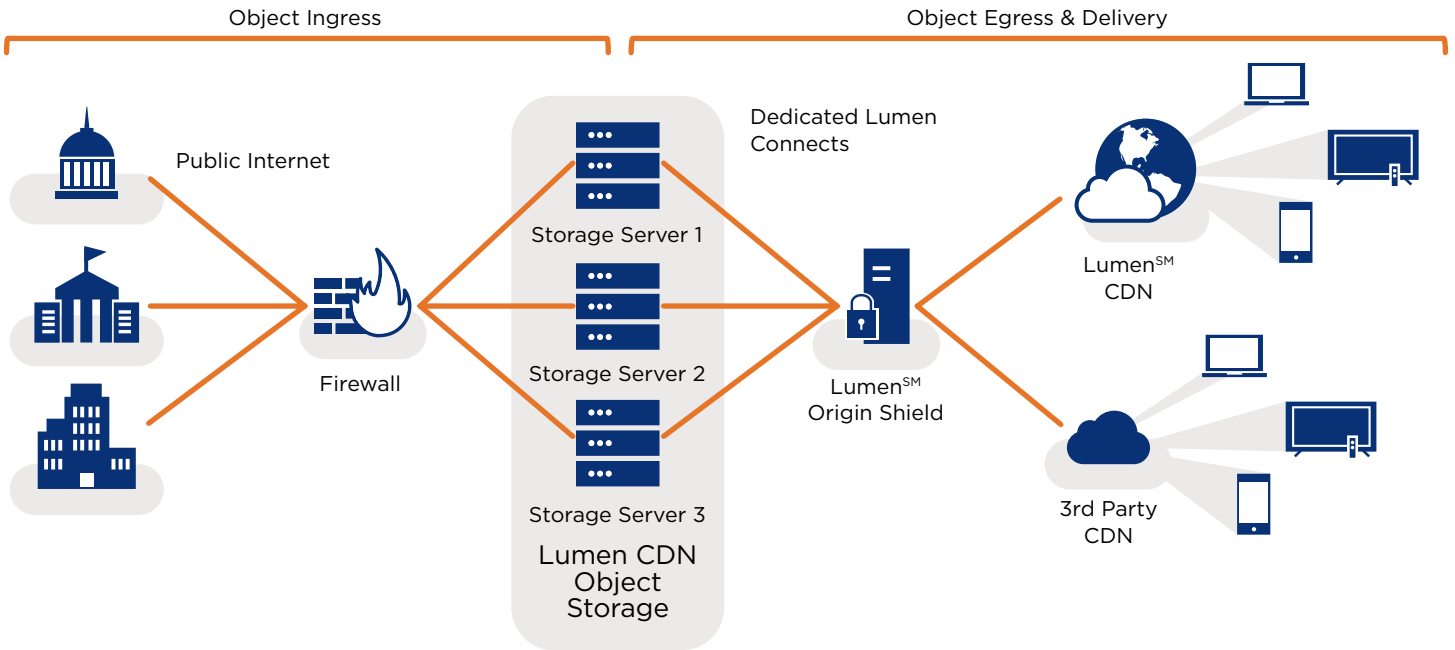
Redundant network paths and a direct connection* to the Lumen CDN helps keep your data secure. Data moving to and from the object storage solution is encrypted. Data is then sliced and dispersed across three devices using object-level erasure coding that can read or write your content from two of the three slices.

Features

- Support for a common set of IBM Cloud API functions based on the ubiquitous S3 protocol
- Erasure coding protects your data with redundant data slices stored across multiple devices or facilities
- Designed for 99.99999999% data durability
- Secured data moving to and from the object storage solution via TLS (SSL) encryption with AES and digital certificates
- AWS Signature v4 securely manages user authorization of your data with access tokens
- Upload data using HTTPS S3 API
- Assign metadata tags during ingest
- View near real-time service metrics with Lumen Media Portal
- 100% content protection service level agreement
- Lumen Origin Shield protection included
- Available in Dallas, Washington D.C., San Jose, Montreal, Toronto, London, Amsterdam, Frankfurt, Milan, Oslo, Seoul, Singapore, Tokyo, Hong Kong, Chennai, Melbourne, Sydney, Mexico City and San Paulo

*Available today in Dallas, Washington D.C., London and Frankfurt. Additional markets will be enabled with direct connectivity over the course of 2019 but remain available for service with no additional costs.

Overview



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