

LIMELIGHT ORIGIN STORAGE SERVICES

Limelight Origin Storage Services is the intelligent solution for driving great user experience through Content Delivery Networks (CDNs). Simplify your workflow with ingest automation, high availability, global scale, and multi-CDN support, all at an excellent value. And keep your audience engaged with fast, reliable delivery of video-on-demand, file distribution, web acceleration, gaming, or e-commerce content.

CHALLENGES MANAGING AND OPTIMIZING ORIGIN STORAGE

Your content is the foundation of your digital presence. However, managing a large content library can be a challenge. You need a workflow that lets you efficiently add new content, provide fast access in multiple regions, secure and protect your content, and control cost. And most importantly, you need to deliver great customer experience every time, for every piece of content, to users everywhere.

Content delivery networks ensure fast delivery, but when a piece of content isn't cached, it must be retrieved from origin storage. Traditional onsite or cloud storage often suffers unacceptably slow response, creating a poor user experience that can increase churn. Organizations like yours are looking for easier and faster ways to upload and manage content and ensure availability and flawless delivery at high volume and scale.

HOW LIMELIGHT ORIGIN STORAGE SERVICES SOLVE THE CHALLENGES

Limelight Origin Storage Services address those challenges in a variety of ways.

- Virtually unlimited capacity ensures that you have the space to store your growing supply of digital content regardless of the type of file.
- Integration and collocation with the Limelight Orchestrate Platform ensures that content is retrieved quickly from origin storage—significantly faster than ordinary cloud storage.
- Geographic distribution puts content much closer to the user and provides protection from spikes in demand, no matter where or when they occur.
- Multiple ingest methods including Intelligent Ingest and Aspera provide fast, flexible uploading of content.
- A robust API library provides powerful and flexible capabilities for moving, uploading, and handling content, letting you integrate object storage directly into your workflow.
- Multiple classes of service let you choose Standard class for the highest-performance delivery of frequently accessed data in multiple geographies, or Infrequent Access class for content that is accessed less frequently but requires rapid access when needed.

BUSINESS BENEFITS

Improve Content Response Time and Availability—Engage your users with fast response and sustained quality every time, for every piece of content, for every user location.

Automate Your Workflow—Save time and resources with tools that automatically replicate and place content close to your users.

Secure Your Content—Protect against downtime, loss of data, harm to your brand, and other consequences of cyber-attacks.

FEATURES

Automatic Replication—Save time and resources, and locate your content close to your audience. Simply choose replication policies to automate and streamline the management and replication of your key content. Standard class only.

Intelligent Ingest—Now it's easier than ever to accelerate your content ingest. Automatically upload into Origin Storage Services based on either user demand or a manifest. See separate datasheet for more information.

Flexible Upload—In addition to Intelligent Ingest, you can upload content from locations worldwide using a web-based GUI, Limelight's API (which supports multi-part uploads), Aspera, and legacy protocols including FTP, SCP, SFTP, RSYNC, and FTP-SSL.

High-Speed Retrieval—Deliver any asset lightning-fast. Limelight’s high-performance storage is collocated and tightly integrated within the Orchestrate Platform. Content is automatically accessed from the fastest site.

Management—Use Limelight’s Web-based GUI, or our REST-based API which supports JSON-RPC 1.0 and JSON-RPC 2.0.

Authentication—Log in and log out.

Upload—Entire file or multi-part upload.

Object and Hierarchy Management—Create a directory, delete a file, delete an object or directory, rename a file or directory, move files from one directory to another.

Object Listing—Geographic locations, file statistics, mtime information.

Publication—Set when a file becomes available, after last byte is written, or upon policy replication.

Unlimited Object Sizes and Total Capacity—Object-based architecture supports virtually unlimited object sizes and total capacity for maximum flexibility.

CDN Integration and Multi-CDN Support—Fully integrated with the Limelight Orchestrate Platform for efficiency and performance across Limelight and other Content Delivery Networks.

Scalability and Flexibility—Scale on-demand as needs change, choose different replication policies for different libraries.

Security and Protection—Storing your content within the Orchestrate Platform protects against the new breed of distributed cyber-threats. The globally distributed infrastructure is able to absorb attacks across its large defense surface. Additional Cloud Security Services are also available.

CLASSES

Limelight Origin Storage Services are available in two classes, Standard and Infrequent Access.

Standard—The Standard class is ideal for serving frequently accessed content with ultimate performance to multiple global geographies. Geo-redundant replication automatically places content close to your audience based on policies you choose at no extra cost. Content is automatically retrieved from the fastest site, with automatic failover in case of issues. Choose Standard to deliver the industry’s highest performance across all regions in your chosen geographies, with milliseconds response time, high performance, low latency, and 100% availability. Standard class ensures the fastest response and highest availability for every asset in every region every time.

Infrequent Access—The Infrequent Access class is ideal for content that is accessed less frequently, typically less than once every 30 days. Content is stored in a single global location and retrieved using Limelight’s global private network for delivery. Infrequent Access offers fast performance and low-latency delivery of less frequently accessed content.

ORIGIN STORAGE SERVICES IN ACTION!

When a large online retailer was looking to scale its website and improve responsiveness, it turned to the next step in performance optimization—Limelight Origin Storage Services. These services ensured that thousands of media content files were stored closest to the retailer’s customer base. The result? Content requests that were cache misses began behaving like cache hits, and the website’s performance was further optimized during the heaviest holiday period.

ABOUT THE ORCHESTRATE PLATFORM

The Limelight Orchestrate Platform is built upon a global, private backbone network with the speed, capacity, and availability to deliver the experiences today’s audiences demand. This industry-leading Platform includes integrated content delivery, web acceleration, origin storage, video management, cloud security, and support services. The unique combination of global private infrastructure, advanced software, and expert services surpasses other CDNs, to enable today’s and tomorrow’s workflows and put audience experience first.

ABOUT LIMELIGHT NETWORKS

Limelight Networks (NASDAQ: LLNW), a global leader in digital content delivery, empowers customers to better engage online audiences by enabling them to securely manage and globally deliver digital content, on any device. For more information visit our website.

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