



Level 3® Content Delivery Network services combine the advantages of an industry-leading Internet backbone with a sophisticated, proven CDN platform. This unique combination connects you with the benefits of our high-performance, highly scalable services and delivers those services in a simplified manner, offering you the flexibility to move between our network services at different phases in your content's lifecycle.

Level 3 Caching and Download Service

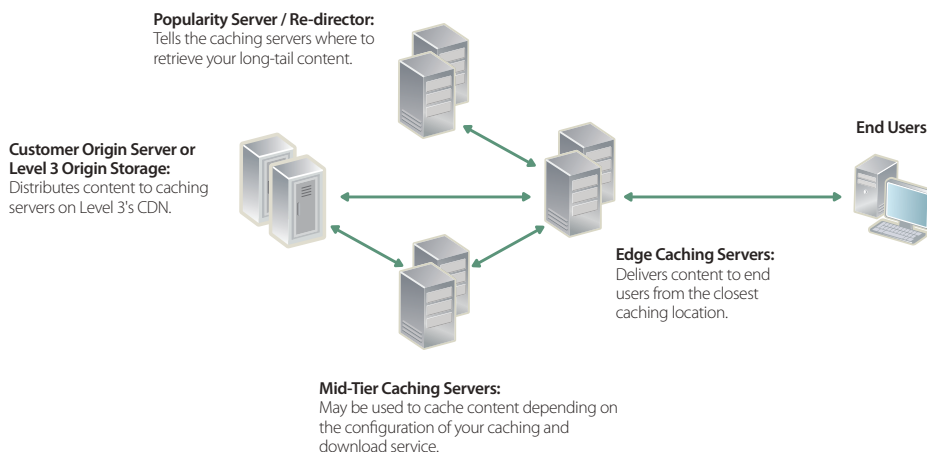
Deliver High-Quality Content Quickly and Reliably Worldwide

In today's Internet-driven world, your audience demands instant access to your online content, whether they're accessing your company websites and online applications, or downloading music files or software. These demands for a faster, richer web experience, along with increasing file sizes and unpredictable traffic, can make it challenging to live up to user expectations without costly investments in web-hosting infrastructure. The Level 3® Caching and Download service, which leverages our powerful Content Delivery Network (CDN), offers you a cost-effective solution for quickly and reliably delivering content to audiences across the globe — even during peak traffic and flash crowds — so you can provide the performance they want while reducing digital delivery costs.

Business Solutions

- **Flexible Service Models and Configurations:** You can take advantage of several caching and download delivery models, and choose from numerous delivery features, including authentication, secure delivery, download receipts and geo-intelligence.
- **Proactive Scalability:** The CDN proactively scales caching server resources to meet real-time usage demands, including peak loads and flash crowds that require extra bandwidth.
- **Online Management and Reporting:** The Level 3 Media Portal gives you control and insight into your content delivery and usage with historical and real-time reporting, as well as real-time publishing and invalidation of content.

The Level 3 CDN has more than 35 strategically placed caching locations worldwide, with 4,000 servers in North America, Europe and Asia.



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Technical Features / Capabilities

- Geo-Blocking and Geo Intelligence by Country, City, State, Zip Code, MSA or IP Address
- SLA Monitoring Byte Range Request Support (including Flash)
- Referrer Blocking
- Token-Based Authentication
- IP/CIDR Blocking
- Header Checking
- Foreground and Background Traffic Prioritization
- Resource Popularity Tracking
- Edge Compression (gzip, Deflate and Identity)
- Arbitrary Header/Value Processing
- Cookie Support
- Query String Handling
- Header Override Support
- Active or Passive Content Freshness Control
- Full Usage Logs with Auto-Download Tools
- Performance / Scalability Optimizations for Move Networks Content

Why Choose Level 3 for Caching and Download Service?

- Unparalleled CDN Intelligence: Using more than 35 strategically placed caching locations in North America, Europe and Asia and our patented Footprint® content-routing technology, our CDN is built with the intelligence to quickly and reliably deliver your rich-media content to audiences anywhere from the closest and most optimal caching location.
- Global Reach and Speed: The CDN leverages the Level 3 IP network, one of the fastest and most connected IP networks in the world. It offers the quickest route with the fewest “hops” between any two Internet locations.
- A Full Portfolio: Level 3 offers a comprehensive suite of content delivery services and transit IP services that complement our Caching and Download service to help you build a targeted and cost effective content delivery solution. These services include:
 - Level 3® High Speed IP
 - Level 3® Streaming
 - Level 3SM Broadcast Fiber
 - Level 3SM Content Delivery for Extended Libraries (CDXL)
 - Level 3® High Performing Websites solution
 - Level 3® Intelligent Traffic Manager
 - Level 3SM Origin Storage
 - Level 3® Vyvx® broadcast services

ABOUT LEVEL 3

As a leading international provider of fiber-based communications services, we are dedicated to helping our customers keep pace with the demands of an increasingly networked world.

We couple a broad service portfolio with one of the world's most scalable end-to-end networks to deliver a set of solutions built for the 21st century.

To find out how Level 3 can be your single-provider solution for all of your business needs, contact us today:

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