

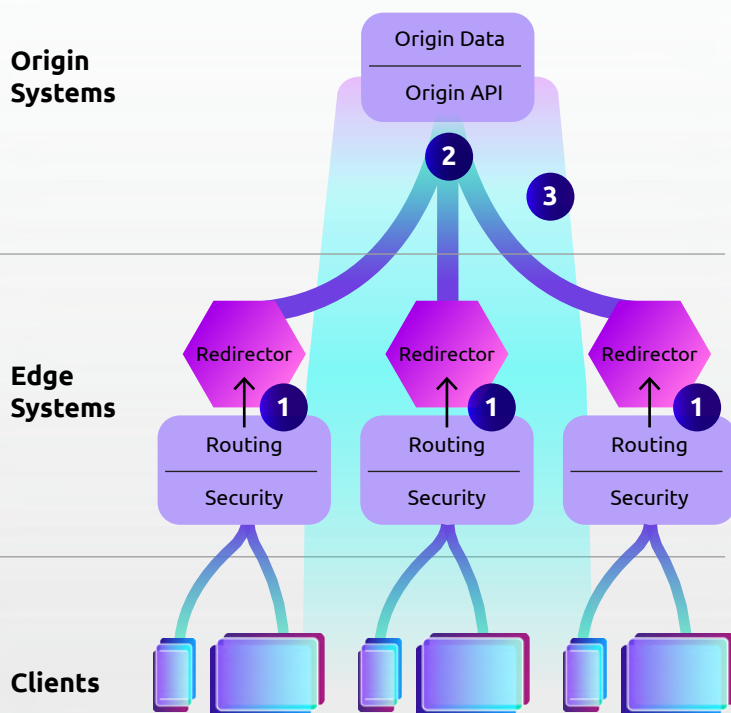
URL Redirector

Simple, Distributed, High-Scale Redirect Management

Managing a large volume of redirects can be a nightmare for enterprises. Traditional approaches—like manually configuring web servers or maintaining custom scripts—are error-prone, time-consuming, and challenging to scale.

Harper's redirect component provides streamlined redirect management with one-millisecond redirect resolution times, even at a massive scale.

Reference Architecture



Harper's Fused Technology Solution

1 Millisecond Redirect Resolution

Harper's redirect engine fuses API and in-memory data systems into a single process, ensuring ultra-low - latency 1 - millisecond p95 response times even with millions of redirect values.

Integrates with Existing Infrastructure

Harper is designed to operate within existing infrastructure layers to ensure that the absolute minimum amount of network latency is added to the total response time.

Intelligent & Scalable Processing

Built-in support for dynamic rules, bulk imports, and API-driven management eliminates the operational overhead of traditional redirect solutions. Furthermore, the Harper Redirector scales horizontally and natively replicates redirect rules across the distributed node network.

1

Call is made to /checkredirect endpoint with a specific URL entry.

2

If found, it returns the new URL, along with the redirect type (301, 302).

If not found, it returns false and the target page is served.

3

Page returned to client.

Redirector Features



Scale

- 10MM+ redirect values
- 1MM+ Requests per second (rps)



Flexibility

- Multi-domain support
- Scheduling, custom pages, and waiting rooms
- Version Management & Rollbacks



Manageable

- HTTP management
- API automated management
- CSV bulk uploads
- Real-time monitor

Redirector Benefits

- ✓ Eliminate complex redirect systems
- ✓ Reduce engineering dependencies
- ✓ Improves site performance and SEO
- ✓ Fast time-to-value— deploy in days

Harper Redirector is purpose-built for large-scale redirect management, eliminating the inefficiencies of legacy systems and manual processes.

Whether you need to migrate, consolidate, or optimize your redirects, Harper Redirector is worthy of consideration.

Contact Sales at
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