Akamai Connector for Varnish

Configure once, deploy everywhere.
Simplify configuration with Varnish as a control
interface for caching and origin shielding.

Akamai CDN challenges

Stability

Internet infrastructure is centralizing in a way that makes connectivity more fragile just when the world needs it to be more reliable. As the world's major commercial CDN providers routinely experience outages and service disruptions, companies need to secure business-critical stability and shield themselves from this unpredictability.
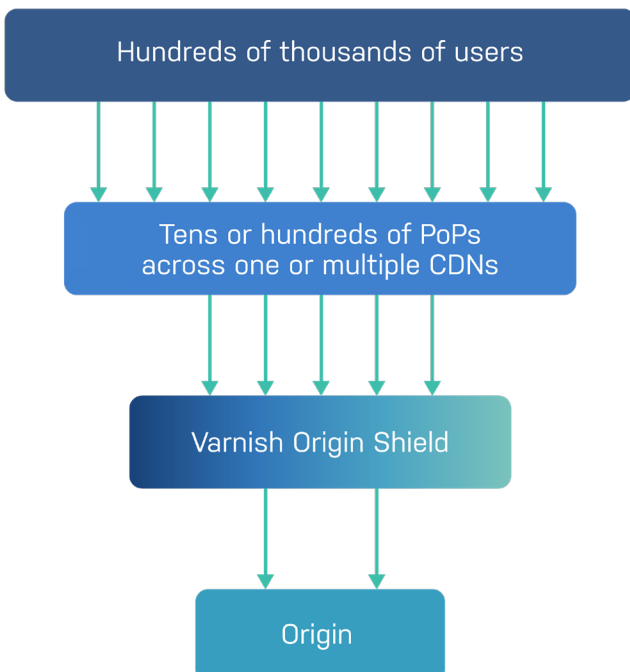
Akamai, as a major commercial CDN provider, is no exception. Organizations that rely on Akamai can protect themselves from the negative effects of downtime and disruptions through origin shielding technology.

Configuration complexity and effort

With Akamai on its own, many companies struggle with its lack of configuration flexibility and the burden of keeping cache rules and configurations up-to-date.

Organizations can simplify configuration by adding a layer of caching to the mix.

Origin Shield: How it works

| Hundreds of thousands of users |
| Tens or hundreds of PoPs across one or multiple CDNs |
| Varnish Origin Shield |
| Origin |

Why Akamai Connector for Varnish?

Using Varnish as a cache control panel lets you strategically configure your CDN for specific behaviors that support your technical and business needs.

Akamai Connector for Varnish features and benefits:

- **Do once, deploy everywhere**
  Simplify caching rules and configuration, i.e., "configure once in Varnish, deploy across your Akamai footprint"

- **Flexibility and control**
  Get complete transparency, flexibility, and control over your caching policies

- **Tight integration for efficient caching**
  Build efficiency and eliminate duplicative work while ensuring consistency, making Varnish your single source of cache truth

- **Origin shield**
  Reduce the blast radius of Akamai downtime with Varnish as your origin shield

- **Reduce costs**
 Make costs more predictable

Varnish solutions

With the Akamai Connector for Varnish, you can easily integrate your local environment with the Akamai platform to be able to configure cache rules and have them automatically propagate across your Akamai CDN setup, directly from Varnish. Varnish serves as your origin, which synchronizes its settings with Akamai settings and protects server resources.

Akamai Connector for Varnish offers more flexible cache configuration and automatic origin shielding with an integrated Varnish control interface for Akamai CDN setups.

Akamai Connector in the real world

CBC

- Synchronized cache at Varnish origin with Akamai cache infrastructure. Page load speed 25%+ faster.

- The CBC saw a huge improvement in origin throughput, with far less traffic traveling back to origin.

- Eliminated duplicative logic and apply Akamai best practices automatically.
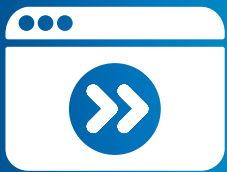
25%
Faster page load speeds

Major global cosmetics company

- Varnish-Akamai integration offered a robust origin shield, making e-commerce sites 100% shoppable even during server outages.

- Avoided duplication of effort and logic, while syncing cache consistently with Varnish as control interface.

- Launched quickly and smoothly to ensure resilience and beat year-end code freeze.

100%
Shoppable during outages

Motor Trend

- Saved 10-15 hours of engineering effort daily with centrally managed caching.

- Centralized caching with Varnish-Akamai integration for an efficient configure-once, deploy-everywhere solution to promote single source of cache control.

- Reduced caching complexity.

10-15HRS
Daily engineering effort saved

About Varnish Software

Varnish Software's powerful caching technology, Varnish Enterprise, is available for on-premise, cloud and hybrid infrastructure. Founded in 2010, Varnish Software has offices in Oslo, Stockholm, London, Los Angeles, Paris, Dusseldorf, Tokyo and Singapore.

Find out more at **www.varnish-software.com**

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