

Protect against the broadest range of DDoS attacks with Akamai Prolexic at Equinix®



When it comes to security, enterprises face a daunting task. From app proliferation and cloud computing to changing workforce habits and API migration, the attack surface is shifting constantly, making it challenging for IT staffs to address the vulnerabilities that cybercriminals are more than happy to exploit. Disruptions to applications and services can have a serious negative affect on an organization's bottom line, making them attractive targets for attackers. To safeguard the enterprise, a powerful, agile DDoS security solution is needed that protects companies from the broadest range of DDoS attacks.

Protection. Proximity. Peace of Mind.

Akamai Prolexic provides comprehensive protection against the broadest range of DDoS attack types. The Akamai Prolexic cloud-based DDoS scrubbing platform protects enterprise IP space wherever it is deployed, whether in a private data center, the public cloud, or a colocation facility such as Equinix.

The Equinix/Akamai Prolexic joint solution utilizes the Equinix Cloud Exchange Fabric™ (ECX Fabric™) to provide an interconnected DDoS architecture that enables direct, private, virtual connectivity between the enterprise and the Akamai Prolexic platform. This establishes a more efficient, less risky and more cost-effective mechanism to return cleaned/scrubbed DDoS traffic to the enterprise. This solution gives enterprise customers at Equinix several distinct advantages:

Less Complexity

Since cleaned traffic can be returned from the Akamai Prolexic platform via ECX Fabric, there is no need to build and maintain multiple GRE/IPSec tunnels.

Faster Time to Service

An enterprise can achieve full DDoS protection in a day, not the typical 60-90 days required for routed services.

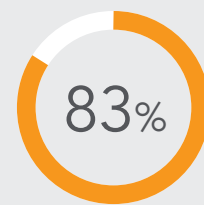
Lower Latency

Akamai Prolexic scrubbing centers are strategically situated at Equinix locations around the world, alongside thousands of Equinix enterprise customers. The proximity of Equinix customers to the Prolexic 8+ Tbps edge minimizes performance latency and improves network resiliency.

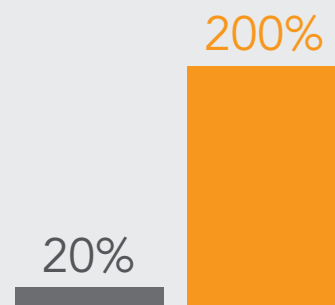
Higher Bitrates

GRE/IPSec tunnels have limits to their capacity, with the potential to impact service by restricting the amount of traffic that can flow through them at any given time. ECX Fabric™ eliminates this overhead by providing highly and dynamically scalable bandwidth over virtual connections.

DDoS FACTS:



83% of companies have experienced a DDoS attack in the past two years.²



That's a **20%** increase in attacks, with a **200%** increase in the severity of their impact.¹

\$20K-\$40K

On average, each DDoS attack costs the target enterprise **\$20K-\$40K** per hour.²

SOURCES

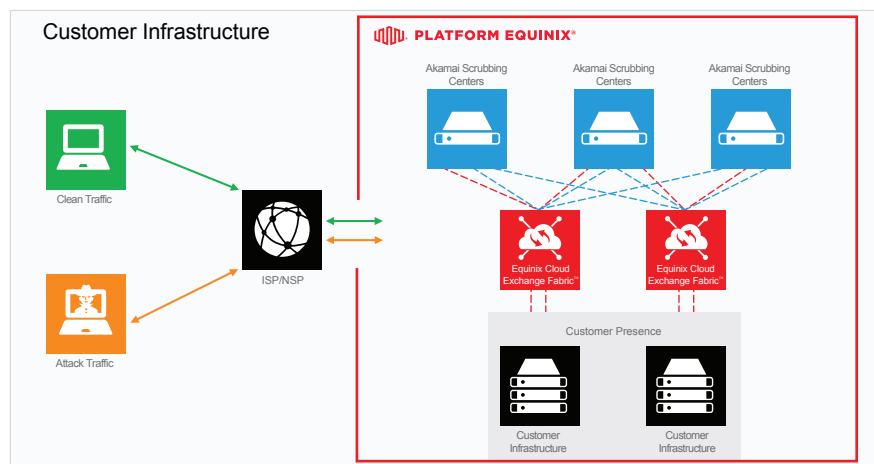
- 1) State of the Internet / Security, Volume 6, Issue 1, Akamai
- 2) US Signal State of Web and DDoS Attacks Survey, June 2019, 101 IT decision-makers surveyed in companies with up to 750 employees in the U.S.

Akamai + Equinix = Better Together

Prolexic at Equinix

Appropriate Mitigation for Every Attack Vector

With Akamai Prolexic at Equinix, enterprise traffic no longer requires transit across global multi-protocol label switching (MPLS) networks and multi-tenant connections from network service providers to the Akamai Prolexic service. Traffic is sent to the closest available scrubbing center, and proactive mitigation controls are architected to drop attacks instantly. Akamai Security Operations Control Center (SOCC) experts analyze the remaining DDoS traffic to quickly and efficiently apply the most appropriate mitigation for every attack vector. Clean traffic is then forwarded via ECX Fabric to enterprise applications and data centers, and outbound traffic is returned directly to users.



Akamai Prolexic Mitigates 80% of DDoS Attacks in 0 Seconds

- Protection from an unlimited number of attacks
- NO attack size limit
- Detection and mitigation SLAs
- Fully managed service
- 24/7/365 SOCC support

Equinix Makes it Easy to Connect to Akamai Prolexic Worldwide

Akamai Prolexic is available globally at Equinix today, with 20 Akamai scrubbing centers serving customers via ECX Fabric locations on five continents. **This gives enterprises 8 Tbps capacity to fight attacks in locations that are within 10 ms of thousands of companies.** That's powerful protection.

Akamai Secures a Multi-Cloud World

Akamai Prolexic provides organizations with dynamic protection against a broad range of potential DDoS attack types, regardless of complexity, and even as they change over the course of an attack. This includes network-layer DDoS attacks, such as UDP and SYN floods, and application-layer DDoS attacks, such as HTTP GET and POST floods. Backed by an industry-leading service level agreement (SLA), Akamai Prolexic combines proactive mitigation with Akamai's world-class SOCC to stop attacks now — and in the future.

Equinix is the Global Platform for Digital Business

Equinix connects the world's leading businesses to their customers, employees and partners inside the most-interconnected data centers. On this global platform for digital business, companies come together to reach everywhere, interconnect everyone and integrate everything they need to create their digital futures. Equinix Cloud Exchange Fabric (ECX Fabric) directly, securely and dynamically connects distributed infrastructure and digital ecosystems globally on Platform Equinix®.



Schedule a DDoS security strategy workshop today!
Contact your Akamai Prolexic or Equinix account manager



Akamai secures and delivers digital experiences for the world's largest companies. Akamai's intelligent edge platform surrounds everything, from the enterprise to the cloud, so customers and their businesses can be fast, smart and secure. Top brands globally rely on Akamai to help them realize competitive advantage through agile solutions that extend the power of their multi-cloud architectures. Akamai keeps decisions, apps and experiences closer to users than anyone — and attacks and threats far away. Akamai's portfolio of edge security, web and mobile performance, enterprise access and video delivery solutions is supported by unmatched customer service, analytics and 24/7/365 monitoring. To learn why the world's top brands trust Akamai, visit www.akamai.com, blogs.akamai.com, or [@Akamai](https://twitter.com/Akamai) on Twitter. You can find our global contact information at www.akamai.com/locations. Published 6/20.