Organizations increasingly interact with customers, employees, and partners through a myriad of web and IP-based applications. Disruptions to these applications can have a serious impact on the bottom line, making them attractive targets for attackers. Whether planning for the inevitable or actively mitigating an attack, organizations need fast, simple, and effective protection from the broadest range of DDoS attacks in order to defend their online presence, maintain employee productivity, and safeguard their infrastructure.

Some of the biggest brands in the world – many of which are targeted for attack on a regular basis, trust Akamai’s Web Security solutions to protect their online presence.

**Akamai’s Prolexic Flow-Based Monitoring** provides early detection and notification of network-layer DDoS attacks by directly monitoring network traffic through your organization’s edge routers. With Prolexic Flow-Based Monitoring, organizations can rely on Akamai’s 24x7 security Operations Center (SOC) to detect anomalies, perform impact analyses, and proactively notify your staff of a potential DDoS attack.

**How it Works**

With Prolexic Flow-Based Monitoring, Akamai’s 24x7 SOC monitors your edge routers to build a profile of your normal network traffic and update that profile as traffic patterns change over time. Drawing on that knowledge, SOC staff can immediately identify significant deviations from your profile as they occur, analyze anomalies, and alert you of any DDoS attack.

**BENEFIT TO YOUR BUSINESS**

- Reduce downtime and business risk with early detection and notification of application-layer DDoS attacks
**Key Capabilities**

- **Network-layer DDoS detection**: Early detection and notification of volumetric network-layer DDoS attacks, including SYN floods, UDP floods, and ICMP floods.

- **Non-intrusive network monitoring**: Directly monitor your Internet edge routers to avoid the need for additional hardware in the traffic flow and minimize any potential impact to services. View historical traffic levels for specified IP ranges.

- **24x7 Security Operations Center**: Akamai continuously monitors your network traffic, analyzes anomalies, and alerts you of DDoS attacks from our 24x7 SOC.

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**The Akamai Ecosystem**

Akamai makes the Internet fast, reliable and secure. Our comprehensive solutions are built on the globally distributed Akamai Intelligent Platform™, managed through the unified, customizable Luna Control Center for visibility and control, and supported by Professional Services experts who get you up and running easily and inspire innovation as your strategies evolve.