

PerimeterX Bot Defender[®] for Okta Customer Identity



Stop account takeover attacks

Bad bots can harm any online business through account takeover (ATO) attacks. Attackers typically buy a list of credentials on the dark web and launch an army of bots across popular retail, travel, social media and e-commerce sites to test username and password combinations. Bots have become so sophisticated that they often go undetected because of the human-like behavior built into them. According to the PerimeterX Research Team, bot traffic accounts for up to 80% of the requests to login pages for e-commerce websites. Login pages provide cybercriminals with the ability to introduce fraudulent purchases, siphon loyalty points and even hijack personal data using malicious bots. Credential stuffing bots can also significantly affect operational costs and increase support costs for user account management.

As more and more commerce continues to move online, e-commerce businesses need to protect user accounts while also keeping user interruption to the minimum. Seamless integration of PerimeterX Bot Defender for Okta Customer Identity provides comprehensive bot management with the flexibility and control to manage real-time detection and protection from automated bot attacks. Bot Defender deploys out-of-band and mitigates bots at the edge, ensuring low-latency without adding an additional layer of in-line traffic processing.

Okta Customer Identity

Okta's identity and access management service greatly simplifies sign-in for web portals with a secure, seamless experience. Okta allows organizations to present a single, well-integrated web application to all customers. It allows organizations to automate user registration and subsequent provisioning and de-provisioning for the target applications behind a portal. Okta also eliminates separate, unsynchronized user stores. With Okta, organizations can quickly and easily automate all portal user management needs with a 100-percent on-demand, secure, and highly available service.

PerimeterX Bot Defender

PerimeterX Bot Defender is a behavior-based bot management solution that protects your websites, mobile applications and APIs from automated attacks, safeguarding your online revenue, competitive edge and brand reputation. Bot Defender provides the world's largest digital businesses best-in-class bot protection based on behavioral analytics, advanced machine learning techniques, predictive models and security research to block a wide range of automated attacks, while preserving page load performance and optimizing security resources and infrastructure costs.



PerimeterX Bot Defender is the best fit for companies that interact with users across multiple channels - web, mobile and API.



The Forrester New Wave™: Bot Management, Q1 2020

Benefits to Your Digital Business



Reduce Risk of Data Breaches

Maintain your brand reputation, avoid costs associated with bot-driven credential stuffing attacks and increase your users' confidence and trust by stopping account takeovers



Improve Operational Efficiency

Enable your team to focus on innovation and growth, and save on resource consumption by blocking unwanted bot traffic at the edge, and optimizing the use of Okta Customer Identity and the performance of your web infrastructure.

How It Works



Collect

The Sensor collects and sends hundreds of non-PII client-side indicators to the Detector for precise determination of human versus bot activity.



Detect

The machine-learning (ML) based Detector continuously learns the normal range for human interactions, correlates it with customer-defined policies.



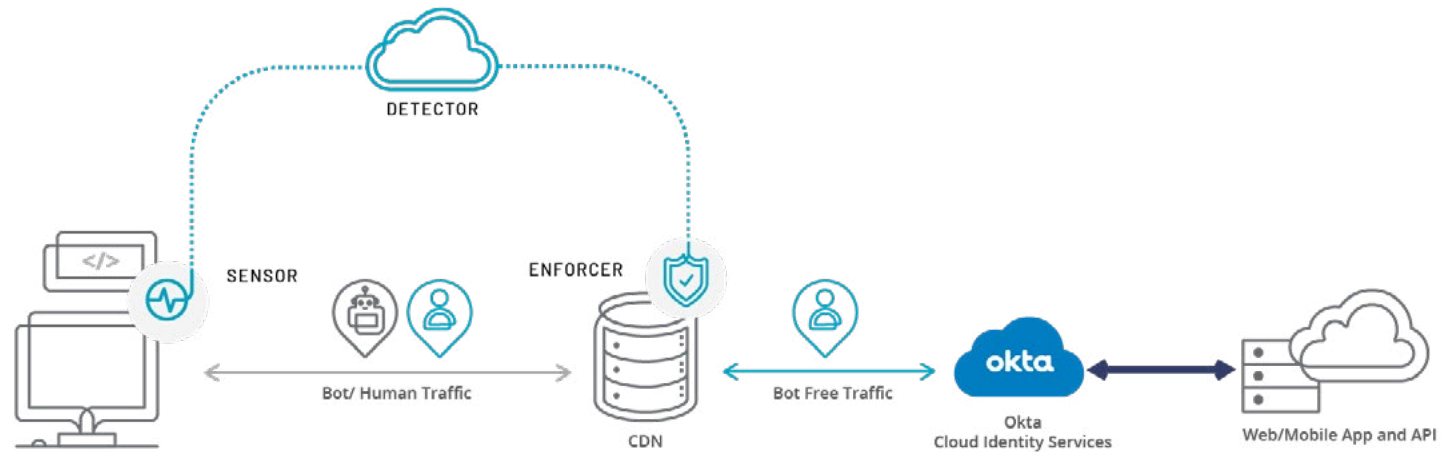
Enforce

The Enforcer tags and mitigates bot traffic according to threat response policies. The Enforcer also continuously updates the Detector with relevant data.



Authorize

Okta Customer Identity uses password security, enforcement, strong encryption and flexible password policies to authorize and authenticate users.



The PerimeterX Advantage

Easy to Deploy and Integrate with Okta

- Deploy the lightweight JavaScript Sensor quickly and easily with the [Okta Sign-In Widget](#).
- Utilize the 40+ pre-built Enforcer integrations that support a wide range of content delivery networks (CDNs), load balancers, web servers and application servers.

Low-latency Architecture

- Deploy out-of-band without adding an additional layer of in-line traffic processing.

Accuracy of Detection and Protection

- Detect bots with the cloud-based Detector that uses over 120 ML algorithms and 160 ML models.

About PerimeterX

PerimeterX is the leading provider of application security solutions that keep your business safe in the digital world. Delivered as a service, the company's Bot Defender, Code Defender, and Page Defender solutions detect risks to your web applications and proactively manage them, freeing you to focus on growth and innovation. The world's largest and most reputable websites and mobile applications count on PerimeterX to safeguard their consumers' digital experience. PerimeterX is headquartered in San Mateo, California and at www.perimeterx.com.