The Challenge

Today's web applications are under constant attack from automated bots and adversaries seeking to defraud users and expose sensitive data. Security teams are under increased pressure to protect against these attacks while preserving a seamless user experience.

Our Joint Solution

With the announcement of the Risk Ecosystem API, Okta introduces a continuous risk assessment model which dictates that authentication and authorization decisions extend well beyond username and password. Through the integration with Fastly’s next-gen WAF (formerly Signal Sciences), our joint customers will have industry-leading protection against layer 7 threats including account takeover, API abuse/misuse, and injection style attacks.

Authentication can no longer be constrained to a point-in-time decision. Through this integration, Okta will receive a continuous feed of real time attack signals from Fastly that Okta will use to assess the risk level of users at any given point in time. Okta will aggregate this data and empower security teams to enable automated remediation actions including user verification steps like multifactor authentication.

Features:

- Easy Installation
- Dashboard Visibility
- Integrated Experience
**Business Benefits**

With Fastly and Okta's Identity Risk Engine integration, application security owners no longer have to choose between security and a seamless user experience. Using our combined insights, Okta can enforce authentication actions based on actual user behavior rather than arbitrary session timeouts. Here are some additional benefits:

- Enables a single source of truth for user risk
  - By aggregating real-time attack data from various sources, Okta serves as the single source of truth for profiling user risk.

- Improves detection and response against account takeover attacks
  - When it comes to Account Takeover (ATO attacks), time is of the essence. This integration enables automated blocking of ATO attacks as they occur and shields against future attacks.

- Reduces costs associated with fraud and abuse
  - Losses due to fraud are one of the biggest costs that consumer websites face today even before considering the reputational damage that follows. The combination of Fastly and Okta provides a powerful tool in driving down online fraud.

- Preserves a positive end user experience
  - In today's world, consumers demand a delightful online experience that makes security easy and nondisruptive. With the risk engine integration application teams can deliver on this promise while keeping their users protected.

**Integration Requirements**

- Signal Sciences Advanced Tier license
- Okta Adaptive MFA (AMFA) license

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**How to Get Started**

To learn more about Fastly and Okta's Identity Risk Engine integration and schedule a demo go to [https://www.signalsciences.com/request-a-demo/](https://www.signalsciences.com/request-a-demo/)