Cyber Observer Technology Partners

CYBER OBSERVER

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Solution Brief

Cyber Observer and Okta Integration

Unified cybersecurity management and awareness in-cloud

Challenge

Today's challenging cybersecurity landscape offers an over-abundance of cybersecurity tools. As the number of breaches proliferates, so have the solutions and technologies designed to stop them. The state of cybersecurity is not getting easier to manage, despite enterprises and organizations worldwide spending more money than ever on new technologies and solutions.

Designed for CISOs and senior InfoSec managers (such as CIOs, C-level managers, risk officers, SOC managers and IT Infrastructure personnel), Cyber Observer empowers leadership with a **unified dashboard** of their entire cybersecurity ecosystem. Cyber Observer can be fully deployed within an enterprise in a few hours, enabling easy **identification** of **weaknesses**, **reduction of mean-time-to-detect (MTTD)**, **prevention of breaches**, and advancement of your organization's **cybersecurity posture** and **maturity**.

Solution

Cyber Observer's partnership with Octa enables CISOs to better manage their cybersecurity ecosystem. They receive alerts from Cyber Observer on the key aspects and issues in Okta such as **configuration**, **incident** and **investigation management**, **access control**, **password policies**, **user** and **role administration** and more. This joint effort helps enterprises manage their cybersecurity environment and **continuously monitor their cybersecurity ecosystem posture**.

KEY FEATURES

- Identifies cybersecurity tools that are misconfigured, malfunctioning, or missing
- Finds security gaps and provides recommendations for fixing
- Builds an ongoing security program to ensure alignment with new threats
- Uses continuous analytics to send alerts when there are deviations from normal behavior
- Automatic reporting

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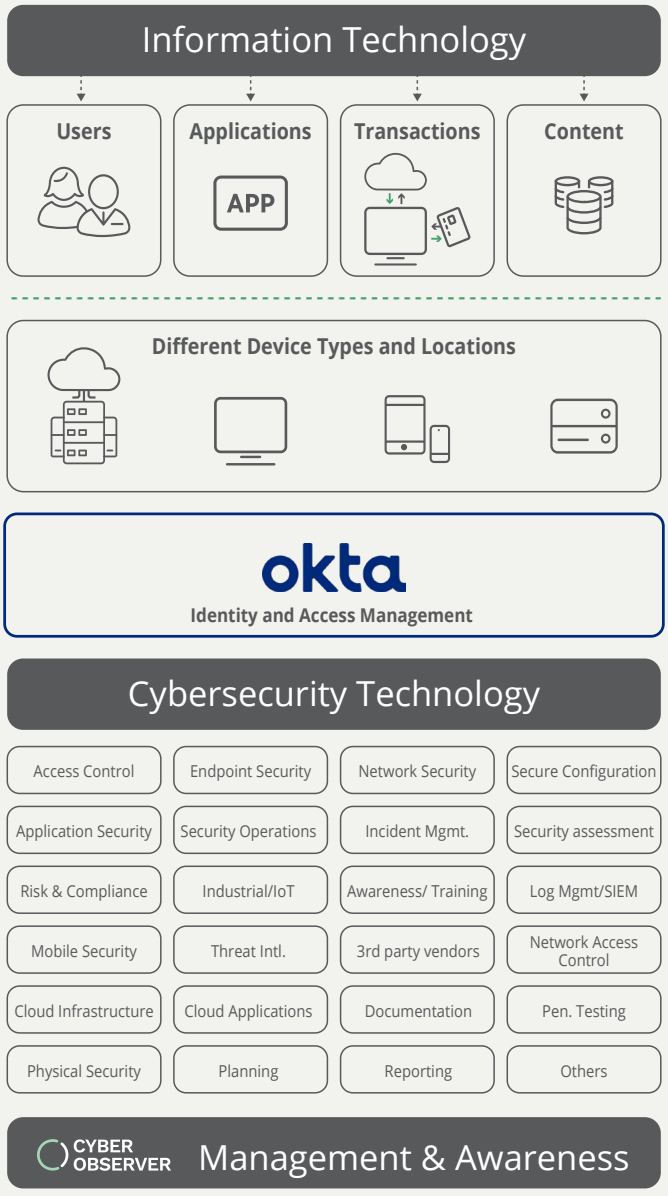
The integration between Cyber Observer and Okta offers CxOs powerful and effective **resilience visibility** along with **compliance validation** and **controls**, to secure and monitor Okta in an unprecedented manner.

Cyber Observer deploys to the corporate network automatically, in a matter of a few hours, predefined with security domains and CSC measurements to deliver three unique cybersecurity ecosystem views:

- First, it provides organizations with the best indicators of the cybersecurity tools that may be **misconfigured**, **malfunctioning**, or **missing** and should be added to provide complete cybersecurity protection.
- It then **reveals the security gaps** that exist in each security domain and **delivers continuous proactive recommendations to close these gaps**.
- Finally, Cyber Observer's machine learning analytics engine continuously calculates online measurements that represent normal behavior, and then **alerts when a deviation from normal behavior is detected**.

Fast and Secure Deployment

The Cyber Observer connector for Okta receives security and configuration data from the Okta server via a secure REST API.



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Key Features & Benefits of This Integration

- **Cyber Hygiene Analysis and Reporting for Managers:**
  Alerts and reporting regarding Okta current configuration implementation status based on vendors' and security standards best-practices, including security configuration issues, incidents and investigations management, admins and roles administration, and more.
- **Reduced Incident Analysis Time:**
  Cyber Observer provides continuous alerts on deviation from normal behavior in terms of Okta implementation and effectiveness as well as continuous monitoring of relevant security issues in near real-time.
- **Continuous Incident Response:**
  Provides the CISO and other relevant managers in the organization, as well as the Okta technical owners with continuous mitigation recommendations and steps to improve, for securing and monitoring Okta implementation, effectiveness, maturity and resilience from a management perspective in an unprecedented manner.
- **Customizable Views and Reports**
  Cyber Observer is highly customizable – all views and reports could be modified to the organization's needs and structure. The integration between Cyber Observer and Okta offers CxOs powerful effectiveness and resilience visibility, as well as compliance validation and controls.

Key Use Cases

1 Immediate alerts and information on suspicious sign-in activities

- Invalid credentials failed sign-Ins
- Failed sign-in verifications
- Locked out users
- Failed authenticate users with AD agent
- MFA usage over time

2 Alerts on insecure configuration and settings

- MFA status is inactive
- Number of super admins without MFA required
- Groups without MFA required
- Factor type Okta verify status is Inactive
- Active API Authorization Servers with Access Policies Assigned to All clients

3 Detailed information on insecure policies

- Active multifactor policies that do not use any factors
- Authentication password policies with Password expires not selected
- Authentication password policies without complexity checked
- Authentication sign on policies with of user's IP is allowed from anywhere rule

About Okta

Okta (Nasdaq: OKTA) is the leading independent provider of identity for the enterprise. The Okta Identity Cloud enables organizations to securely connect the right people to the right technologies at the right time. With over 7,000 pre-built integrations to applications and infrastructure providers, Okta customers can easily and securely use the best technologies for their business. More than 10,000 organizations, including JetBlue, Nordstrom, Slack, T-Mobile, Takeda, Teach for America and Twilio, trust Okta to help protect the identities of their workforces and customers.

About Cyber Observer

Cyber Observer is the premier critical controls monitoring (CCM) solution that simplifies the way cybersecurity tools are monitored and managed. Cyber Observer integrates hundreds of popular cybersecurity tools into a single intuitive interface that enables security and risk management executives to continuously monitor their security tools and improve their cybersecurity posture in alignment with cybersecurity, business, and regulatory frameworks.
Learn more at **cyber-observer.com**.