A Zero Trust Architecture for Government Agencies

How Okta, CrowdStrike, and Zscaler work in tandem to implement secure, compliant, easy-to-use Zero Trust environments

For federal agencies to begin Zero Trust implementation and meet or exceed the standards to improve security postures, they must look to vendors that address Cloud Smart standards and FedRAMP compliance.

Federal agencies are required to meet the requirements set forth in the Office of Management and Budget (OMB) Federal Zero Trust Strategy (M-22-09) Memorandum by the end of fiscal year 2024. However, with old, legacy security systems and portals, most agencies are struggling to begin the transition.

Invest in a Zero Trust Architecture

Okta, CrowdStrike, and Zscaler when implemented together offer best-in-class security for government agencies to enable:

- A modern, easy-to-use digital government
- Three layers of protection with one collaborative security solution
- Improved user experiences for employees and citizens

Three layers of protection

Federal agencies need a solution that can help them fast-track their Zero Trust Architecture (ZTA) implementation. The solution must meet the foundational Zero Trust requirements as laid out in President Biden's Executive Order on Improving the Nation's Cybersecurity (EO) 14028 and follow the recommendations, specifically those in NIST SP 800-207 Zero Trust Architecture.

Leveraging modern cloud services to create an IT infrastructure that is secure, agile, scalable, and frictionless with improved customer experience is possible.

Okta, CrowdStrike, and Zscaler offer multiple layers of protection to tackle three of the Cybersecurity and Infrastructure Security Agency's (CISA's) five pillars: identity, device, and network/environment. When executed together, it is a solution with a short implementation time and meets compliance expectations—a fast-tracked, modern, identity-centric strategy.

Technology providers working together

A Zero Trust approach relies on technologies that work in concert. Okta, CrowdStrike, and Zscaler are best-in-class security leaders in their respective fields and, when implemented together, will provide a ZTA that enables agencies to address three of the five pillars in the NIST 800-207 ZTA recommendations.

These three components will empower agencies to make leaps forward in meeting Zero Trust implementation requirements—with a single, simple installation.

Okta

As the world's #1 identity and access management platform, Okta is the central view of all identities and the first step of security that meets the first pillar of the Zero Trust Maturity Model developed by CISA: identity. Using its own context-based policy engine, Okta makes authentication decisions to enable unified, automated, and identity-driven security for the workforce and public.

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.

CrowdStrike

The CrowdStrike Zero Trust solution meets the second pillar of the Zero Trust Maturity Model (device) with the Falcon® platform that addresses endpoint threat detection and response, identity protection, and device posture. The solution secures the modern enterprise with its cloud-delivered approach to stop breaches in real-time on any endpoint, cloud workload or identity, wherever they are. CrowdStrike does all of the heavy lifting for enterprise security teams to enforce frictionless Zero Trust with its industry-leading CrowdStrike Security Cloud—the world's largest unified, threat-centric data fabric to stop breaches.

CrowdStrike (NASDAQ: CRWD), a global cybersecurity leader, has redefined modern security with the world's most advanced cloud-native platform for protecting critical areas of enterprise risk—endpoints and cloud workloads, identity and data.

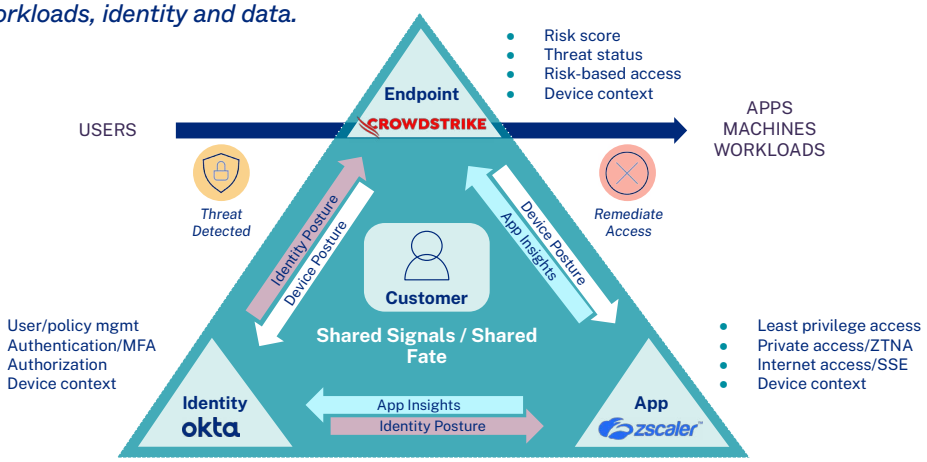
Zscaler

The Zscaler Zero Trust Exchange secures user-to-app, app-to-app, and machine-to-machine communications over any network and from any location, reducing business risk and meeting the third pillar of the Zero Trust Maturity Model: network/environment. Zscaler enables fast, secure connections based on the Zero Trust principle of least-privileged access, providing comprehensive security using context-based identity and policy enforcement. Operating across 150 data centers worldwide, Zscaler ensures service is closest to the user, creating the shortest path between your users and their destinations, providing comprehensive security and an amazing user experience.

Zscaler (NASDAQ: ZS) accelerates digital transformation so that customers can be more agile, efficient, resilient, and secure. The Zscaler Zero Trust Exchange protects thousands of customers from cyberattacks and data loss by securely connecting users, devices, and applications in any location.

Why Okta, CrowdStrike, and Zscaler?

Enabling agencies to address three of the five Zero Trust pillars, Okta, CrowdStrike, and Zscaler can simplify centralized identity to enforce endpoint and ID security, secure communications and connections, and deliver services, data, and assets at scale. It is the ideal collaboration for government agencies to successfully transition to Zero Trust and meet the demands of the EO on Cybersecurity.



Learn more

Contact your Carahsoft representative at Okta@Carahsoft.com today to learn how Okta, CrowdStrike, and Zscaler, when implemented together, can help your agency seamlessly implement a true Zero Trust environment.

Thank you for downloading this Okta resource! Carahsoft is the distributor for Okta solutions.

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