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Okta + Palo Alto Networks: Strong Authentication Everywhere via MFA

Passwords are under attack. Last year, three out of four enterprises reported phishing attacks where user credentials were targeted¹. Given that stolen or weak credentials account for 81% of all data breaches², organizations must respond by enforcing more robust authentication security.

To combat this epidemic, Okta's Adaptive Multi-Factor Authentication (MFA) integrates with Palo Alto Networks Next-Generation Firewall to provide strong authentication across hybrid IT environments.

Credentials: The Challenge and Solution

The basic password, or single-factor authentication, is no longer enough. Users too often fall victim to phishing attacks where they unknowingly hand over their credentials to malicious actors. Once attackers enter your environment, they can move laterally by leveraging duplicate passwords, and potentially even escalate their privileges to access your most sensitive resources. However, by forcing users to provide multiple forms of identification, Multi-Factor Authentication prevents most credential-based attacks.

Okta and Palo Alto Networks have united best-of-class identity and security platforms to provide a seamless MFA solution that:

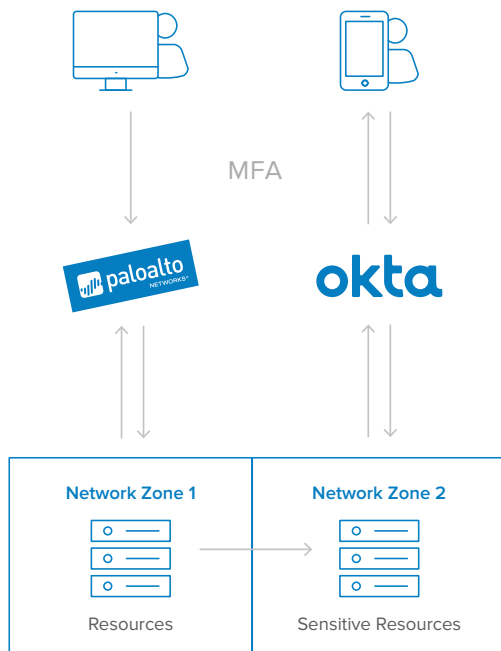
- Enables enforcement of robust MFA policies at the network layer
- Deploys centrally and scales easily across the enterprise, eliminating the need for point solutions
- Streamlines authentication and security across cloud and on-prem resources
- Addresses regulatory requirements while meeting security best practices

^[1] Source: 2018 State of Phish Report

^[2] Source: 2016 Verizon Data Breaches Investigation Report

How Okta + Palo Alto Networks Works

Palo Alto Networks and Okta integrate to solve these challenges in two ways: first to aid in identifying users where a user id agent isn't deployed or has yet to identify a user, and again by prompting users for step-up authentication when a security policy rule requires it, such as when accessing sensitive payroll information or an admin server. When paired with the simplicity, flexibility, and scalability of Okta's Adaptive MFA, including the breadth of supported factors and 5,000 pre-built integrations in the Okta Integration Network, the result is a comprehensive security solution.



Spanning Best Practice to Regulatory Requirement

Security experts agree Multi-Factor Authentication is the solution against most types of credential-based attacks, but the reality is that it's tricky to deploy MFA universally across a network. More often than not, when MFA is deployed, it is only enforced across a handful of critical applications that are designed to support MFA. Unfortunately, this often leaves homegrown and legacy applications that do not support native MFA vulnerable to credential abuse. Now, by simply configuring Okta with Palo Alto Networks, organizations can easily implement strong authentication across their entire IT environment.

Not only does Multi-Factor Authentication strengthen your security, it also helps satisfy a broad range of compliance requirements across several industries, including the retail, financial, and healthcare sectors. Regulations such as HIPAA and PCI DSS require organizations to implement strong authentication and access controls to safeguard protected information. This underscores the importance of implementing a comprehensive MFA solution.

Whether you need Multi-Factor Authentication as a security best practice or to meet regulatory requirements, the Okta + Palo Alto Networks integration will bring dramatic security improvements to all layers of your IT environment.

To configure Okta MFA for Palo Alto Networks, go to: <http://bit.ly/paloaltoMFA>

For more information on this integration, go to: okta.com/partners/palo-alto-networks

If you have more questions, please contact bd@okta.com.

About Okta

Okta is the leading provider of identity for the enterprise. The Okta Identity Cloud connects and protects employees of many of the world's largest enterprises. It also securely connects enterprises to their partners, suppliers and customers. With deep integrations to over 5,000 apps, the Okta Identity Cloud enables simple and secure access from any device.

Thousands of customers, including Experian, 20th Century Fox, LinkedIn, Flex, News Corp, Dish Networks and Adobe trust Okta to work faster, boost revenue and stay secure. Okta helps customers fulfill their missions faster by making it safe and easy to use the technologies they need to do their most significant work.

For more information, go to <https://okta.com>