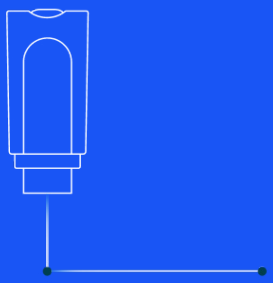
OneSpan

Digipass®

& Amazon Web Services



Solution brief

Phishing-resistant and passwordless authentication with Amazon Web Services

Integrating Digipass® FIDO2 security keys with Amazon Web Services (AWS) provides a powerful, passwordless authentication solution that significantly enhances the security of your organization's cloud infrastructure. Traditional multi-factor authentication (MFA) methods are increasingly vulnerable as cyber threats and social engineering tactics become more sophisticated. FIDO2 security keys, like Digipass FX, offer a robust, frictionless alternative to ensure the highest level of security while streamlining the login process.

Traditional AWS Login with username and password

While username and password authentication is a common method, it carries significant security risks. Weak, reused, or stolen passwords can expose your organization to phishing attacks, credential theft, and brute-force attempts. Frequent password resets not only strain IT resources but can also disrupt workflows. This legacy method doesn't offer a passwordless experience, creating additional challenges for users and security teams alike.

Push notifications via mobile app

Push notifications through a mobile authenticator app are often used as an multi-factor authentication method, offering convenience but introducing new risks. Users must manually approve login requests on their devices, which can disrupt their workflow. Push notifications are also vulnerable to phishing attacks, where attackers can trick users into approving fraudulent access attempts.

Another emerging issue is push fatigue, where users may become desensitized to frequent alerts and accidentally approve malicious logins.

Legacy One-time Passwords

One-time passwords (OTPs), commonly delivered via SMS or email, are a popular MFA method but have notable vulnerabilities. OTPs can be intercepted by attackers or fall prey to phishing schemes, putting sensitive data at risk. Furthermore, the process of retrieving and entering OTPs can introduce friction into the user experience, slowing down the login process.

Enhance your security posture with Digipass FIDO2 security keys

Digipass FIDO2 security keys address the security weaknesses of traditional MFA methods by providing passwordless, phishing-resistant authentication.

Using advanced cryptographic techniques, FIDO2 security keys eliminate the need for passwords, reducing the risk of credential theft and phishing attacks. With hardware-based authentication, users benefit from a simplified login experience that is both secure and frictionless.

Passwordless, phishing-resistant authentication for AWS

By using Digipass FIDO2 security keys, AWS users can enjoy a secure and seamless login

Highlights

Secure and convenient

- Phishing-resistant authenticator protects against password-based attacks
- Frictionless login process with passwordless one-touch authentication
- Compatible with a wide range of devices and platforms
- Portable solution extending phishing-resistance to a wide range of devices enabling strong authentication for shared workstations and BYOD policies

process that eliminates the need for passwords. Digipass FIDO2 security keys,enhance the AWS login experience by enabling simple one-touch or tap authentication through hardware keys, effectively mitigating phishing threats and removing the disruptions commonly associated with OTPs or push notifications.

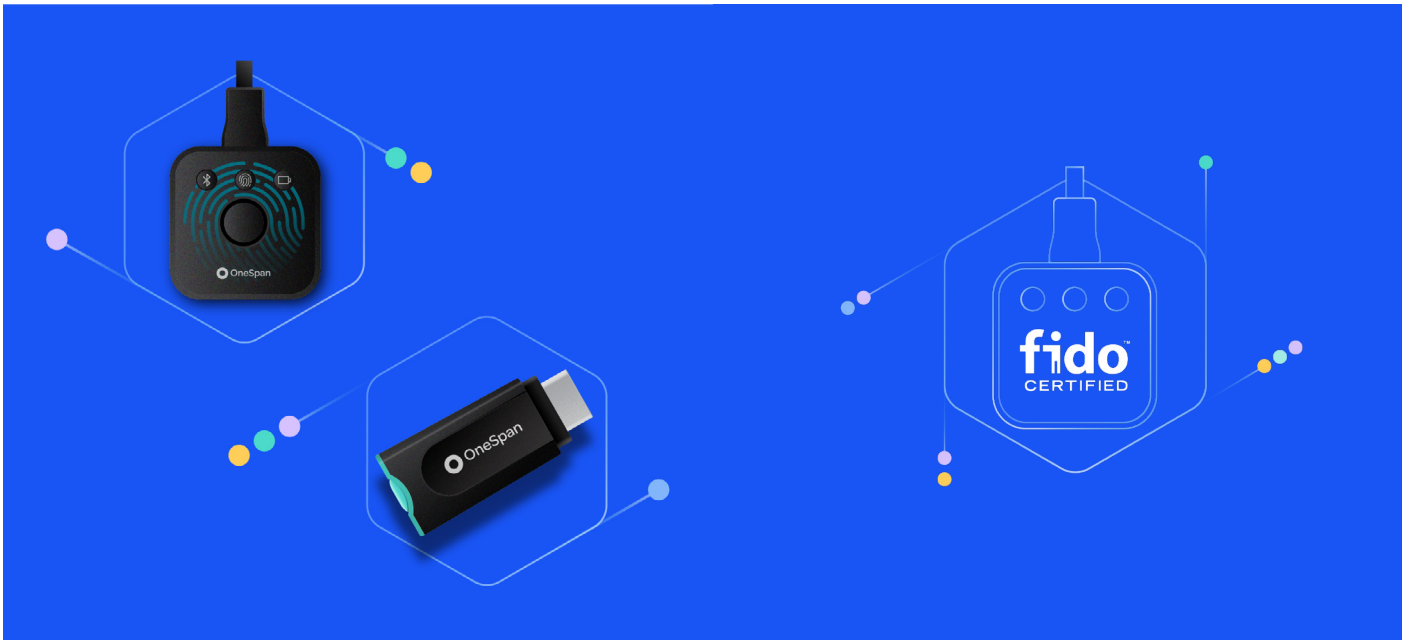
Digipass FIDO2 security keys,offer a flexible and consistent authentication method across all devices. It supports authentication via USB, NFC, or Bluetooth, providing users with a portable, phishing-resistant solution. This flexibility makes it ideal for environments with shared workstations or Bring Your Own Device (BYOD) policies, ensuring security regardless of the device being used.

Superior security and user experience with AWS

By integrating Digipass FIDO2 security keys, with AWS, your organization can achieve both superior security and an enhanced user experience. Users enjoy a fast, secure login without the need to remember or enter passwords. Sensitive authentication credentials are safely stored on the hardware key itself and cannot be extracted, significantly increasing protection against theft. This solution reduces friction and streamlines the authentication process, offering a practical and secure passwordless experience for modern cloud-based work environments.

Easy and seamless setup with Digipass FIDO2 security keys

Getting started with Digipass FIDO2 security keys, is incredibly simple, thanks to FIDO2 compatibility. These solutions are designed to work out of the box with minimal configuration. Activating the device on your AWS account is straightforward: users simply register their hardware key by following a few easy steps in the authentication setup process. Once registered, the device is ready to use immediately, providing a seamless, passwordless login experience. There's no need for complex software installations or manual configurations, making it easy for both IT teams and end-users to implement. This plug-and-play setup ensures that your organization can quickly adopt a robust and secure authentication solution without any hassle.



About OneSpan

OneSpan is a global leader in digital security, trusted by thousands of enterprises across 100+ countries—including more than 60% of the world's 100 largest banks—to safeguard digital accounts, secure financial transactions, and prevent fraud. Our award-winning solutions provide passwordless authentication, digital transaction security, and advanced mobile application protection, helping organizations meet the highest security standards and global compliance requirements. As cyber threats grow more sophisticated, OneSpan delivers cutting-edge technology to safeguard customers, mitigate risks, and ensure trust in every digital interaction.

Learn more at
OneSpan.com/security

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