Extending PKI smart cards to Cloud and Web Access Management

Extending your PKI smart cards and USB tokens to Cloud and Web Access Management

PKI-based authentication, cloud single sign-on and access management are no longer mutually exclusive. With SafeNet Trusted Access, organizations can use their current PKI smart cards to secure cloud and web-based applications.

PKI and Enterprise Digital Transformation

Cloud-based technologies and virtualized desktop infrastructure (VDI) offer enterprises cutting-edge productivity without the hassle of maintaining the underlying servers and workstations.

However, these technologies have not been compatible with PKI-based authentication, preventing organizations who use PKI-based smart cards from leveraging them for secure access in cloud and VDI environments.

As organizations transform their IT environments they are seeking ways to extend the security of PKI smartcards to virtual environments as well as cloud and web-based apps. They are looking for ways to offer employees Single Sign On and a consistent login experience across all apps; they are looking for ways to centrally manage their access policies, and ensure the appropriate access controls are applied for each online resource.

PKI Authentication in SafeNet Trusted Access

User logs in to web service with smart card or soft certificate

######## SafeNet Trusted Access prompts user for their smart card PIN

SafeNet Trusted Access validates the certificate and the PIN and grants user access

SafeNet Trusted Access: Access Management AND PKI-based Authentication – In One

With SafeNet Trusted Access, businesses get the best of both worlds—high assurance PKI-based authentication combined with intuitive cloud-based access management. By incorporating PKI credentials into access management policies, organizations can apply SSO and PKI-based smart card authentication to apps residing in virtual, public and private cloud environments.

SafeNet Trusted Access – The Smart Way to Manage Cloud and Web Access

SafeNet Trusted Access is an access management service that centrally manages and secures access to web and cloud-based applications, simplifying the login experience for users. By applying flexible risk-based policies, cloud SSO, and universal authentication methods, organizations can scale cloud access controls while meeting business, risk management and compliance needs.

Applying PKI Security in Access Policies

SafeNet Trusted Access offers flexible access management through a simple to use policy engine that gives organizations real-time control over the ability to enforce policies at the group or application level. The policy engine supports a broad range of authentication methods, including PKI-based smart cards and OTP tokens, allowing organizations to leverage their current investments and use them to secure cloud and web-based services.

About SafeNet Access Management and Authentication Solutions

Thales's industry-leading Access Management and Authentication solutions let enterprises centrally manage and secure access to enterprise IT, web and cloud-based applications. Utilizing policybased SSO and universal authentication methods, enterprises can effectively prevent breaches, migrate to the cloud securely and simplify regulatory compliance.

Benefits of PKI-enhanced Access Management

By extending PKI smart cards to cloud and web based apps organizations can:

- Enforce high assurance security across cloud and web apps
- Effectively manage risk with business-driven policies
- Simplify access for users with cloud and web single sign-on (SSO)
- Demonstrate regulatory compliance while utilizing the cloud
- Elevate trust with a choice of PKI and OTP-based authenticators

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