

Key Broker for Salesforce Shield

More control and higher security of your sensitive Salesforce data



Data Protection On Demand for Salesforce Shield

Salesforce Shield protects your highly valuable data as it resides aloft in the Salesforce Cloud. However, while that data is secure, many organizations require – by their own internal policies or because of industry regulations – key management that lets them exercise control over and take ownership of their data even as it resides in a SaaS platform such as Salesforce. For those operating in highly regulated spaces, how does one consume valuable cloud services while ensuring that they stay firmly in control of their data?

Fortunately, Thales and Salesforce worked closely together to create Key Broker for Salesforce Shield, a cloud-based key management solution. Key brokering allows enterprises to create, manage, and maintain control of keys in Cloud and SaaS environments, while taking advantage of security processes offered by cloud providers.

SafeNet Data Protection On Demand is a cloud-based platform that provides a wide range of on demand encryption and key management services through a simple online marketplace. With SafeNet Data Protection On Demand, security is made simpler, more cost effective and easier to manage because there is no hardware to buy, deploy and maintain. Click and deploy the protection you need, provision services, add security policies and get usage reporting. SafeNet Data Protection On Demand offers a one-stop data protection marketplace, with a menu of security

applications ranging from securing your keys to digital signing and ensuring the root of trust.

With SafeNet Data Protection On Demand's key broker service, Salesforce Shield customers have simpler, more cost effective key management that fits their cloud strategy. In only a few clicks, customers can deploy the services they need to protect their data, add security policies and get usage reporting – all in a matter of minutes. Key Broker On Demand is intended to allow enterprises to create key material and manage its lifecycle (create, rotate, monitor, log, archive, revoke, etc) in cloud and SaaS environments while leveraging the security functionality offered by cloud providers.

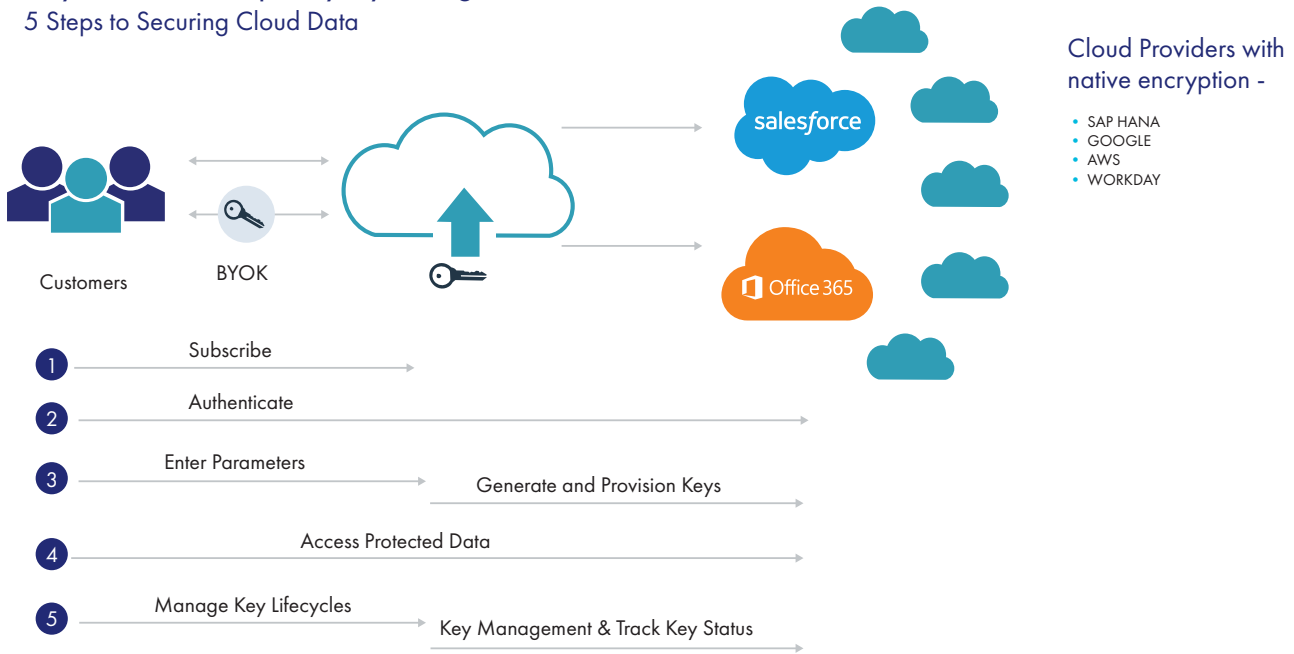
Benefits/Features

Zero upfront capital investment

- Fully cloud-based solution, so there is no hardware or software to buy, support and update
- Focus on your business, not managing security hardware and software
- Fully automated service orchestration
- Centralized directory to manage, search and track key status
- Ability to monitor activities related to certificate management
- Keep safe while maintaining control

Key Broker - Simplicity by Design

5 Steps to Securing Cloud Data



SafeNet Data Protection On Demand's integration with Salesforce Shield allows customers to create key material (tenant secrets) for Salesforce to use for encrypting sensitive data in their account. In addition, customers can monitor and manage these keys and security policies in concert with Salesforce Shield across the key lifecycle.

Salesforce customers can ensure control of the data and the keys to that data (tenant secrets) by using SafeNet Data Protection On Demand Key Broker services in conjunction with Salesforce Shield. Integrated together, they enable cryptographic operations to be secure, and only under the control of the customer. From their SafeNet Data Protection On Demand Key Broker console, customers can align their key management policies across other SaaS environments. Key Broker for Salesforce consolidates keys into a centralized directory to manage, search and track key status where customers can design and enforce policies to help ensure compliance.

To further ensure the security and privacy of an organization's data, administrators can use SafeNet Data Protection On Demand Bring Your Own Key (BYOK) functionality to generate the secrets used to secure their data.

Ensuring compliance

With Key Broker for Salesforce, you can securely manage your encryption keys and enforce unified key management policies across multiple cloud environments. The key broker serves as a custodian of keys, providing a consolidated key management directory to manage, search, and audit all encryption keys used by the cloud encryption services, for compliance and security.

Key Broker for Salesforce can help you meet compliance requirements with:

- Fully automated service that takes less than a minute to deploy
- Greater control on the encryption key lifecycle and policies
- Separation of tenant secrets/keys from encrypted data
- Detailed key status logs for visibility into key usage and management

Feel confident about your security

From easy-to-use consoles, organizations can select type(s) of tenant secrets (key material) they want to generate to encrypt their data in Salesforce, and with a few clicks, choose the key management policies they need to maintain compliance and feel confident about their security. With Key Broker for Salesforce, organizations can use the cloud the way they want without worrying about unauthorized access of their data or how they're going to fulfill their compliance obligations.

Trust and Control

Enterprises maintain complete control of encryption keys and policies, while allowing Salesforce services to host their data and perform the necessary cryptographic operations natively.

Protect data anywhere and meet compliance mandates

- Hardened key management to significantly reduce risks
- Audit logs to monitor activities related to certificate management, enabling customers with complex governance and compliance needs to secure and keep track of sensitive cloud data at rest

The Thales Advantage

SafeNet Data Protection On Demand is built upon Thales's SafeNet Identity and Data Protection solutions. Our proven solutions are trusted by the largest and most respected brands around the world to protect their data, identities, and intellectual property.

We enable our clients to deliver a vast range of trusted digital services for billions of individuals and "things" across the globe. The world leader in digital security, we bring trust to an increasingly connected world. Our technologies and services enable businesses and governments to authenticate identities and protect data so they stay safe and enable services in personal devices, connected objects, the cloud and in between.

About Thales

The people you rely on to protect your privacy rely on Thales to protect their data. When it comes to data security, organizations are faced with an increasing number of decisive moments. Whether the moment is building an encryption strategy, moving to the cloud, or meeting compliance mandates, you can rely on Thales to secure your digital transformation.

Decisive technology for decisive moments.

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