THALES

Secure Data-at-Rest in Oracle Cloud with Thales's SafeNet KeySecure and Data Protection Portfolio

Oracle Cloud Infrastructure customers can secure their cloud workloads and reduce the complexity of managing heterogeneous security solutions with an integrated SafeNet Encryption and Key Management offering.

As companies migrate to the cloud, protecting sensitive information efficiently is a priority, especially with regionalized legislation like the European Union's General Data Protection Regulation (GDPR) or U.S. state data breach notification statutes. By extending Thales's SafeNet Encryption and Key Management solutions to Oracle Cloud, enterprise customers can also maintain full control of encryption and key lifecycle management in either on premise or multi-cloud environments, helping to improve: security, visibility, cost and compliance controls.

Integration Key Features and Benefits

Thales's SafeNet Encryption and Key Management solutions help enterprises easily align data protection policies and business processes without compromising the integrity and security of their data through an easy-to-deploy, centrally managed solution.

By deploying the SafeNet Data Protection Portfolio in Oracle Cloud Infrastructure, enterprise customers can maintain full control of their data whether it is in either on-premises or multi-cloud environments, helping to improve:

- **Security -** Customers can store and manage keys in central, hardened appliances, and gain the visibility and control they need to consistently and effectively enforce security controls.
- **Compliance auditing -** Centralized key management operations lets customers produce comprehensive logs that demonstrate compliance with stringent security policies and industry regulations
- **Scalability -** Customers can easily scale their key management and encryption to address the challenges of securing more data across numerous cloud environments
- **Simplicity -** Administrators have one comprehensive portfolio to enable a multi-cloud security strategy that is fast, easy and efficient
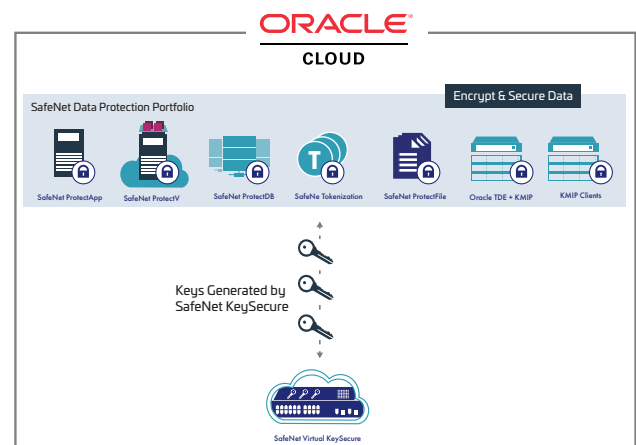
Oracle Products

Oracle Cloud gives customers flexibility to choose their preferred cloud operating models and the horsepower they need to run all of their workloads in the cloud offering IaaS, PaaS and SaaS.

Oracle Applications	Compatible Thales SafeNet Encryption and Key Management Products
Oracle 11g and 12g Database , Oracle MySQL	• SafeNet ProtectDB • SafeNet ProtectV • Oracle TDE • SafeNet ProtectFile
Oracle WebLogic	• SafeNet ProtectApp
Oracle Linux	• SafeNet ProtectFile • SafeNet ProtectDB • SafeNet ProtectV
Oracle VM Virtual Box	• SafeNet Virtual KeySecure k170v
Oracle Golden Gate	• Used by many Thales customers to ensure optimal performance of SafeNet KeySecure and Data Protection Portfolio

For complete list of Oracle Integrations see our partnership page at https://safenet.gemalto.com/partners/oracle/.

Thales Products

Comprehensive Data Protection for Your Enterprise

Thales offers a complete, enterprise-ready platform that provides centralized and uniform data protection across your on-premises, virtual, and public cloud environments. Thales's SafeNet Encryption and Key Management solutions preserve data's integrity and security without compromising business processes.

Thales's SafeNet Data Protection portfolio offers a comprehensive range of encryption and tokenization solutions to secure data-at-rest and data-in-motion across organizations regardless of their operational or IT architecture. Its file system-level, database column-level, application-level encryption, virtual machine full disk encryption, and both vaulted and vaultless tokenization solutions can secure data at any point in its lifecycle from creation to storage. Organizations can thus address a wide range of challenges from simply encrypting data that stays at rest to encrypting data and ensuring only ciphertext is ever transmitted across the network or outside the organization. These solutions are cloud agnostic; in addition to the Oracle Cloud they work in any public or private cloud, as well as in any virtualized environments.

SafeNet data-at-rest solutions enable you to:

Protect and control access to your data - SafeNet Data Protection solutions provide granular access controls and encryption of sensitive structured and unstructured data at all levels of the enterprise data stack, including the application, database (column or file), filesystem, and full disk (virtual machine)

Protect and manage your keys - All of the SafeNet Data Protection solutions work with SafeNet KeySecure, a FIPS 140-2 compliant enterprise key manager for centralized key and policy management across multiple sites. For optimal security, keys are stored separately from the protected data.

Secure Your Data-at-Rest - Coupled with SafeNet KeySecure, the SafeNet Data Protection Portfolio keeps administrators in full control of their data wherever it resides and however it is used.

Thales's SafeNet Encryption and Key Management products compatible with Oracle Cloud Infrastructure:

- SafeNet KeySecure
- SafeNet Virtual KeySecure
- SafeNet ProtectV
- SafeNet ProtectApp
- SafeNet ProtectFile
- SafeNet ProtectDB
- SafeNet Tokenization
- SafeNet Oracle TDE

For more product information, please visit Thales on the web at https://safenet.gemalto.com/data-protection/.

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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