ACCELERATE VORMETRIC ENCRYPTION DEPLOYMENT
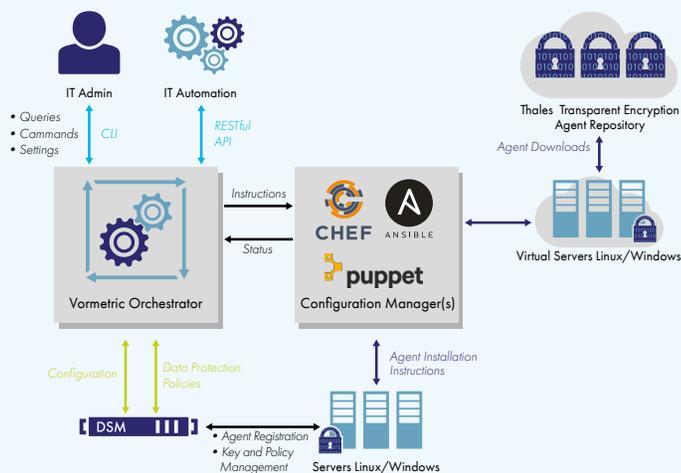
> Automation for operational efficiency in the face of growth and change
> Designed to fit into your data center and cloud environments with Chef®, Ansible® and Puppet® compatibility
> Flexible deployment options with a comprehensive range of virtual appliance form factors

‹Thales eSecurity›

VORMETRIC ORCHESTRATOR FROM THALES

Vormetric Orchestrator accelerates deployment and eases maintenance of Vormetric Transparent Encryption

The demands for encryption, a practical solution to modern security threats and compliance mandates, continue to grow. While security teams need to support more deployments, larger implementations, and more technologies and environments, budgets remain flat. You can quickly scale encryption amidst staffing and budgetary realities with automation provided by the Vormetric Orchestrator.

THE CHALLENGE

Within virtually every business, data-at-rest encryption is emerging as a critical imperative for an ever-expanding number of use cases.

While encryption offers the potential to deliver strong safeguards against a wide range of threats, industry studies indicate that for a majority of organizations worldwide, encryption hasn't been deployed in a comprehensive or cohesive fashion. Instead, in many organizations, encryption has been employed in isolated, ad hoc ways. Isolated and ad hoc encryption poses to the CIO a conundrum: is all the sensitive data actually protected?

Security teams must discard ad hoc approaches of the past and deploy encryption in a more comprehensive, unified fashion. They need to expand their encryption implementations, moving to an encrypt-everything approach—yet do so without expanding security budgets and staffing. Realizing these objectives requires a solution delivering enhanced operational efficiency with automation.

VORMETRIC ORCHESTRATOR

AUTOMATION FOR ENCRYPTION AT SCALE

Vormetric Orchestrator is designed to automate deployment, configuration, management and monitoring of Vormetric Data Security Platform products to simplify and attain scale in large enterprise and hybrid, mixed and multi-cloud environments. It simplifies operations, helps eliminate errors, and speeds deployments by applying automation to repetitive tasks. It ultimately reduces the resources required to maintain and grow encryption deployments, freeing staff to focus on more urgent activities.

VORMETRIC ORCHESTRATOR CAPABILITIES

Vormetric Orchestrator's core feature set is designed to help any organization eliminate encryption silos and rapidly apply advanced encryption to all data. The primary benefit of automation is operational efficiency in the face of growth and change.

Growth: As you define new projects or new workloads, the Orchestrator assists you in multiple ways. First, it is easy to configure a newly-instantiated virtual Vormetric Data Security Manager (DSM) for operation. Then, using easy-to-customize templates, you can prepare the DSM for a new collection of hosts and all the file system locations at which encryption will be applied, as well as access-control and data-access-logging policies. Finally, a simple job setup instructs all the new hosts to install Vormetric Transparent Encryption Agents.

Change: For both large organizations and cloud service providers, the only certainty is change: changes to operating systems, workloads, databases, and network configuration. For example, in the event of a critical operating system patch, a simple job setup instructs Vormetric Orchestrator to automatically update hundreds of servers with a new version of Vormetric Transparent Encryption Agents.

DESIGNED TO INTEGRATE WITH YOUR ENVIRONMENT

Vormetric Orchestrator is designed with a plug-in architecture delivering convenient controls and easy integration.

Instructing the Orchestrator: Vormetric Orchestrator offers both a CLI for manual control and training and a RESTful API for all functions. It can readily integrate with your higher-level IT automation systems or in-house scripting.

Instructing hosts: Vormetric Orchestrator is designed with a plug-in architecture to enable fast integration with popular IT configuration management systems, with support for Chef®, Ansible® and Puppet®.

Flexible Deployment Options. Vormetric Orchestrator is delivered as a virtual appliance for mainstream virtualization and public cloud platforms. Current form factors include VMware (ISO) and Amazon Web Services (AMI). Installed in your data center or in the cloud, Vormetric Orchestrator can manage Vormetric Data Security Platform products in remote data centers, private cloud environments, and elastic public cloud workloads.

SCALE WITH REDUCED COSTS

With automation and flexibility, Vormetric Orchestrator enables massive scale of encryption—while reducing administrative effort and total cost of ownership. By speeding encryption deployment and expansion, Vormetric Orchestrator accelerates realization of the security benefits of encryption.

Vormetric Orchestrator automation not only saves time, but it helps reduce potential errors. With Vormetric Orchestrator, security teams can depend upon automated activities to prevent versioning conflicts, for example, by preventing installation of an agent on an unsupported operating system. By reducing the time required implement, operate, and expand encryption, Vormetric Orchestrator frees resource-constrained staff to spend more time focusing on their most strategic efforts.

FULFILL YOUR DATA PROTECTION REQUIREMENTS

Thales e-Security simplifies securing data at rest with comprehensive encryption solutions including **Vormetric Transparent Encryption**, **Vormetric Vaultless Tokenization with Dynamic Data Masking**, and **Vormetric Application Encryption.** These products depend on the **Vormetric Data Security Manager** for integrated key and policy management – an appliance with up to FIPS 140-2 Level 3-compliant key protection based on a Thales eSecurity **nShield Solo Hardware Security Module (HSM)**.

LEARN MORE

Visit us at **www.thalesesecurity.com** to learn how our advanced data security solutions and services deliver trust wherever information is created, shared or stored.

Follow us on:

Americas – Thales eSecurity Inc. 900 South Pine Island Road, Suite 710, Plantation, FL 33324 USA • Tel:+1 888 744 4976 or +1 954 888 6200 • Fax:+1 954 888 6211 • E-mail: sales@thalesesec.com
Asia Pacific – Thales Transport & Security (HK) Lt, Unit 4101-3, 41/F, Sunlight Tower, 248 Queen's Road East, Wanchai, Hong Kong • Tel:+852 2815 8633 • Fax:+852 2815 8141 • E-mail: asia.sales@thales-esecurity.com
Europe, Middle East, Africa – Meadow View House, Long Crendon, Aylesbury, Buckinghamshire HP18 9EQ • Tel:+44 (0)1844 201800 • Fax:+44 (0)1844 208550 • E-mail: emea.sales@thales-esecurity.com