Fortanix Data Security Manager Release Note

RELEASE NOTE

Date: 19-Sep-24

Subject: Software changes, updates, bug fixes, etc.

Software: Fortanix Data Security Manager

Version: 4.27.2484

OVERVIEW

This document provides an overview of improvements in the Fortanix Data Security Manager (DSM) 4.27.2484 release.

WARNING:

- You are **REQUIRED** to upgrade Fortanix DSM to version 4.19 or 4.23 before upgrading to version 4.27.2484. If you want to upgrade to 4.27.2484 from an earlier version, please reach out to the Fortanix Support team.
- Downgrade from 4.27.2484 to any version before 4.23 is not supported due to the Kubernetes version upgrade. Please reach out to Fortanix Support for downgrading to version 4.23.

NOTE:

- The Fortanix DSM cluster upgrade must be done with Fortanix Support on call. Please reach out to Fortanix Support if you are planning an upgrade.
- The customer's BIOS version must be checked by Fortanix Support before the Fortanix DSM software upgrade. If required, the BIOS version should be upgraded to the latest version and verified by Fortanix Support for a smooth upgrade.
- If your Fortanix DSM version is 4.13 or later, then the HSM Gateway version must also be 4.13 or later. Similarly, if the HSM Gateway version is 4.13 or later, then your Fortanix DSM version must be 4.13 or later.
- In the 4.27 release, performance will slightly decrease for certain cryptographic operations. Fortanix is investigating this.

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IMPROVEMENTS

- Fortanix DSM users can now modify the `hmg_redundancy` field in a group after it has been created (**JIRA: PROD-9282**).

For a complete list of new features, enhancements to existing features, other improvements, bug fixes, and known issues refer to the full description of the DSM 4.27 release notes.

INSTALLATION

To install the DSM Runtime Encryption® SGX (on-prem/Azure) and Software (AWS/Azure/VMWare) packages, Download Here.

BEST PRACTICES

Because our quality assurance process includes continuous security testing, Fortanix recommends keeping all Fortanix products updated with the latest releases as soon as possible. As an overall strategy to reduce risk exposure, customers are encouraged to follow best practices, which include:

- Always keep the product version up to date.
- Only issue accounts to trusted administrators.
- Utilize strong passwords.
- Monitor logs.
- Enable daily backups for the cluster.

SUPPORT

For any questions regarding this release note, please contact support@fortanix.com

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