

## RELEASE NOTE

**Date:** 14-Apr-23

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

**Software:** Fortanix Data Security Manager

**Version:** 4.16.2197

## OVERVIEW

This document provides an overview of the improvements and known issues in the Fortanix Data Security Manager (DSM) 4.16.2197 release.

This release is **superseded** by [June 23, 2023](#) release.



### WARNING:

- It is **REQUIRED** to upgrade Fortanix DSM to version 4.11 or 4.13 before upgrading to version 4.16.2197. If you want to upgrade to 4.16.2197 from an older version, please reach out to the Fortanix Support team.
- After upgrading to version 4.16.2197, Fortanix DSM can **NO LONGER** be downgraded to any prior version. This is due to limitations of common infrastructure components such as Docker and Kubernetes.



### 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 prior to 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.

## IMPROVEMENTS

- **Updated the email re-verification cutoff date in the DSM email verification banner (JIRA: ROFR-4051).**

## RELEASE NOTE

**Date:** 14-Apr-23

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

**Software:** Fortanix Data Security Manager

**Version:** 4.16.2197

The email re-verification cutoff date in the email verification banner is updated to May 12<sup>th</sup>, 2023.

## BUG FIXES

- Fixed an issue where even though the “**Use different output datatype**” option is not enabled for DSM custom tokenization; the input data is tokenized to a different data type for the output token in the DSM UI (**JIRA: ROFR-4052**).

## KNOWN ISSUES

- The sync key API returns a “400 status code and response error” due to the short-term access token expiry during the sync key operation of a group linked to AWS KMS (**JIRA: PROD-3903**).
- When a node is removed from a 3-node cluster with build 4.2.2087, and the 2-node cluster is upgraded with build 4.3.xxxx, it is possible that the deploy job is exited and marked completed before cluster upgrade (**JIRA: DEVOPS-2068**).

Workaround: If all the pods are healthy, you can deploy the version again.

- The sync key API returns a “400 status code and response error” due to the short-term access token expiry during the sync key operation of a group linked to AWS KMS (**JIRA: PROD-3903**).
- `exclude` does not work in the proxy config for operations such as attestation (**JIRA: PROD-3311**).
- Unable to create an app when a Custom Group Role has the **Create Apps** permission enabled (**JIRA: PROD-5764**).

## RELEASE NOTE

**Date:** 14-Apr-23

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

**Software:** Fortanix Data Security Manager

**Version:** 4.16.2197

*For a complete list of new features, enhancements to existing features, other improvements, and bug fixes refer to the full description of the [DSM 4.16 release note](#).*

## 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.
- Restrict physical access to the appliance to trusted administrators.
- Create two System Administrator accounts.
- Enable daily backups for the cluster.

## INSTALLATION

To download the DSM SGX (on-prem/Azure) and Software (AWS/Azure/VMWare) packages, click [here](#).

## SUPPORT

For any questions regarding this release note, please contact [support@fortanix.com](mailto:support@fortanix.com)

## DISCLAIMERS

## RELEASE NOTE

**Date:** 14-Apr-23

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

**Software:** Fortanix Data Security Manager

**Version:** 4.16.2197

Fortanix and the Fortanix logo are registered trademarks of Fortanix, Inc. in the United States and other countries. All other trademarks are the property of their respective owners.

Fortanix assumes no responsibility for any inaccuracies in this document.

Fortanix reserves the right to change, modify, transfer, or otherwise revise this publication without notice.

Copyright © 2023 Fortanix, Inc. All rights reserved.

Fortanix Data Security Manager Release Notes

Release 4.16.2197