

RELEASE NOTE

Date: 9-Aug-23

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

Software: Fortanix Confidential Computing Manager

Version: 3.33

OVERVIEW

This document provides an overview of improvements and known issues in the Fortanix Confidential Computing Manager (CCM) 3.33 release.

PREREQUISITES

- A container registry account to push the converted application container Image(s).
- A subscription account on Azure Portal to create Compute Node(s).

IMPROVEMENTS

- CCM SaaS:
 - The `getBuildDeployments` now correctly returns deployments of the selected build.
- Enclave OS:
 - The `PATH` environment variable is now appropriately set in the client environment.
 - An empty directory can be now mounted to `/opt/fortanix/enclave-os/overlayfs/` directory of the Nitro converted image, where the persistent filesystem block file is saved.
 - Detailed error message is displayed when the application runs out of memory.
 - Limited support is added for `sched_getscheduler` and `sched_getparam` system call.
 - Added support for `glibc` library version 2.37. The update is backward compatible.

Fortanix, Inc. | 800 West El Camino Real | Suit 180 | Mountain View, CA 94040 | United States of America

✉ info@fortanix.com

🌐 www.fortanix.com

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KNOWN ISSUES

- CCM SaaS:
 - Improved the functionality of *Test Only* accounts with Nitro and ACI platforms.
- EnclaveOS:
 - Added a check for Nitro converter to verify if the key or certificate folder path is present in the client image.
 - The `/tmp` directory can now be executed in Nitro Enclave if the client filesystem anticipates it.

LIMITATIONS

Fortanix has a fair usage policy in this Early Customer Access Program. Hence, Fortanix has limited the resources one can create per account. Therefore, it is expected to observe a resource creation failure message once you have reached the max limit.

To report an issue/bug, visit <https://support.fortanix.com/hc/en-us/requests/new>.

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. Additionally, 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.

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NODE AGENT DOWNLOAD

- **Download link for SGX Platform:** <https://support.fortanix.com/hc/en-us/articles/360043407012-Fortanix-Node-Agent-Software-Intel-SGX-Platform>
- **Download link for AWS Nitro Platform:** <https://support.fortanix.com/hc/en-us/articles/4412575587732-Fortanix-Node-Agent-Software-AWS-Nitro-Platform>



NOTE: The current version of the node agent on Azure Marketplace will not create certificates.

SUPPORT

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

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