RELEASE NOTE

Date: 10-May-23

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

Software: Fortanix Confidential Computing Manager

Version: 3.30

OVERVIEW

This document provides an overview of new features and improvements in the Fortanix Confidential Computing Manager (CCM) 3.30 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).

NEW FEATURES

- CCM SaaS:

    - Azure Container Instances (ACI) feature is now available in Fortanix Confidential Computing Manager.

      For more details, refer to:

        - *[User's Guide: Add an ACI application.](#)*

        - *[User's Guide: Add an image of the ACI application](#).*

        - *[Deploy the ACI application using Azure Portal](#).*

    - Added compute node agent support for Nitro instances on Amazon Web Services (AWS) Elastic Kubernetes Service (EKS).

      For more details, refer to [Amazon Elastic Kubernetes Service with Fortanix Confidential Computing Manager](#)

IMPROVEMENTS

- Enclave OS:

    - Updated the libraries used for supporting filesystem in the conversion process.

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- o   Fixed the uncheck pointer overflows in `sgx_is_within_user` function.

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.

ACI and compute node agent for EKS features in 3.30 offer limited support. The following are limitations:

- ACI does not support workflows.
- Applications with network or port configuration are not supported on EKS.

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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Fortanix CCM Release Notes

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