

Hypori

One Device, **Zero** Worries

2024.3.2 Release

February 25th, 2025

Hypori Platform 2024.3.2 Release

This document summarizes the key improvements for the **2024.3.2 minor** release of the Hypori Platform. These updates are available to Hypori Cloud customers on AWS including those with deployments in their own AWS accounts.

This release includes key security updates, product enhancements, and bug fixes for enhancing user experience, strengthening platform security, and improving overall reliability. Highlights of this release are as follows.

Security Updates

We have improved platform security by updating key components to fix vulnerabilities and enhance protection. Below is a summary of the implemented security updates.

- **EC2 Instances**: Upgraded AWS cloud instances used in the Hypori environment to IMDS (Instance Metadata Service) version 2, adding an extra layer of security against unauthorized access.
- **Hypori Microservices**: Applied vulnerability fixes to container images of microservices that manage the lifecycle of virtual devices and derived credentials.
- **OpenLDAP**: Upgraded container image of internal user identity system to enhance authentication security.
- **MongoDB**: Upgraded container image to a newer version to address vulnerabilities and better safeguard Hypori service databases.

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Platform Improvements and Bug Fixes

This release introduces improvements to overall user experience and environment management. Key highlights are outlined below.

- **Console 2.0**:
  - **Two-Factor Authentication (2FA)**: Added 2FA for non-DoD users accessing Hypori Console, enhancing security and ensuring compliance with CMMC IA-2.
  - **Configurable Consent Screen**: Administrators can now enable and customize the consent screen to align with organizational policies, ensuring Administrators and Group Managers acknowledge the required terms before accessing the Console.
- **Enrollment Portal**:
  - **User Access Control**: Added support for email domain and individual email-based whitelisting, ensuring only authorized users can access the Enrollment portal.
  - **Improved Device Registration**: Enhanced reliability in handling Purebred device registration failures for a smoother user enrollment process.
- **Offline Notifications**: Users can now stay connected with calls, messages, and meeting reminders from AWS Wickr, Google Meet, and Google Voice, even when their virtual devices are paused or turned off.
- **Virtual Device Base Image Upload**: Improved support for base image uploads larger than 1GB.

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Virtual Device Improvements and Bug Fixes

This release improves Hypori virtual devices with enhanced security, better app compatibility, and improved functionality.

- **Security Update**: Addressed a vulnerability in the GIF image library.
- **VPN Connection Fix**: Resolved an issue where users couldn't connect to their virtual devices if a VPN app was active inside the virtual device.
- **Google Account Authentication**: Ensured apps that require Google account sign-in work smoothly inside virtual devices.
- **Do Not Disturb Reliability**: Ensured Do Not Disturb (DND) works reliably when used by the system to temporarily mute replay of offline notifications.
- **IPv6 Support:** Enabled IPv6 for compatibility with Zscaler and Microsoft Defender.
- **Recommended Android 13 Build**: For optimal performance and compatibility, we recommend using Android image build 309.

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