


Hypori

**One** Device, **Zero** Worries

**2025.1 Release**

April 16th, 2025

# Hypori Platform 2025.1 Release

The **2025.1** release of the Hypori Platform delivers new features, key improvements, and security updates to elevate the user experience for Hypori Cloud customers on AWS, including those with deployments in their own AWS accounts. Discover the highlights and key updates in this release below.

## New Features

This release introduces the following new features across the Hypori platform.

### Virtual Device Biometric Authentication

- Support for unlocking virtual devices and signing into apps using fingerprint or face recognition. This functionality requires users to enable biometrics on their physical devices and ensure the Hypori Client app is configured for biometric authentication. Virtual devices must be running Android 15. Users must upgrade to Hypori Client iOS version 4.3.66 or later, or Android version 4.3.16 or later.

### Hypori Keys

- Provision Entrust-derived credentials to virtual devices, allowing secure access to apps without the need for a physical PIV card. Designed for organizations using Entrust PIV cards, Hypori Keys supports the needs of government agencies (e.g., IRS) and defense and government contractors (DIB).

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**Console 2.0 Enhancements**

- Introduced Policy Groups with support for custom authentication settings, client policies, and virtual device configurations.
- Added alert tracking for virtual device crashes, task failures, and authentication errors.

**Offline Purebred Device Registration**

- Failed Purebred registrations are now processed outside the enrollment flow, improving reliability and reducing user wait times. Users receive an email notification once their device is ready, allowing them to seamlessly resume enrollment.

**Notification Indicators**

- Introduced visual indicators (e.g., exclamation mark) for app notifications inside virtual devices, helping users stay informed of unread messages.

**Mixed EC2 Bare Metal Support**

- Clusters can now be deployed using a mix of EC2 bare metal instance types within a single environment, providing greater flexibility in compute node selection.

**Istio Logging**

- Enabled Istio access logs to improve observability, diagnostics, and traffic analysis across microservices. Istio manages inbound traffic within the Hypori control plane, and logging now provides deeper insight into service behavior and performance.

**Recommended Android Build**

- For optimal performance and compatibility, use Android 13 image build 322. Android image is a key component in templates assigned to user virtual devices.

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## Security Updates

We've implemented key security updates to safeguard your environment and maintain compliance:

- **Android Security**: Integrated Android Q1 2025 (Jan–Mar) security patches into the virtual device base image.
- **Platform Component Updates**: Updated core components, including MariaDB, Istio, Velero, Kubernetes binaries, pod security, and more, to the latest secure versions.
- **RHEL Patches**: Applied critical Red Hat security patches.
- **Library Vulnerabilities**: Resolved vulnerabilities in microservice and cryptographic library, improving cryptographic integrity and overall microservice security.

## Bug Fixes and Improvements

The following are bug fixes and improvements made to enhance usability and stability.

**Console 2.0**

- Restricted domain managers to view only authorized user activity.
- Improved bundled image creation to display app versions and the total number of selected apps.
- Fixed an issue that prevented applying the "Enable Screenshots" client policy.
- Resolved a bug that blocked setting a different virtual device policy as the default.
- Fixed an issue that prevented setting a different authentication configuration as the default.
- Ensured admins can successfully update existing authentication configurations.
- Advanced editing of client policy in JSON and device policy in XML.
- Improved download usage report with new columns like device type, device model, client version, template name, client policy name, and virtual device policy name.

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**Virtual Devices**

- Ensured the Always-On VPN policy functions as expected inside virtual devices.
- Set Bliss Launcher as the default home app when enrolling a virtual device into Microsoft Intune.
- Ensured Do Not Disturb is correctly reset to its original state after being used to silence notification replay when users connect to their virtual device.

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