

Date: April 13, 2022

## Overview

HID Global has identified a previously unreported regression for HID Approve during the activation process for certain iOS devices.

If the [device type configuration](#) in ActivID Authentication Server, HID Authentication Service or ActivID Appliance has been customized to prohibit jailbroken devices with the “isRooted” rule, activation may fail to identify and properly deny the device state. This is affecting devices using one of the affected versions listed in the table below. Prohibiting jailbroken devices is enabled as a default setting in the server configuration.

Note that the Android, macOS and Windows versions of HID Approve are not affected by this regression.

**Severity:** HIGH

Base CVSS Score: 7.1 (3.1/AV:N/AC:H/PR:L/UI:R/S:U/C:H/I:H/A:H)

## Affected Versions of HID Approve

Product	Version	Released
HID Approve Application for iOS	5.6.0.10293	Oct 12 2021
HID Approve Application for iOS	5.7.0.11320	Feb 15 2022
HID Approve SDK for iOS	5.7.1.5	March 7 2022

## Impact

A jailbroken device can circumvent manufacturer protections and security restrictions to allow unauthorized software. This makes it also more susceptible to malware, which may put the end-user’s personal information at risk.

## Fix and Risk Mitigation

For customers with HID Approve iOS App (available on Apple App Store) deployments:

To address the regression, we recommend upgrading to the latest version of HID Approve for iOS (v5.7.1.1), which correctly handles jailbreak detection. We recommend that customers who enforce the “isRooted” policy (i.e., prevent activation of jailbroken devices) request for users who have activated HID Approve since October 12, 2021, to reactivate their iOS devices after applying the update.

Updating to the latest version alone doesn’t fully mitigate the risk for users who have activated after October 12, 2021. Users who have activated after October 12, 2021, should reactivate HID Approve on their device to mitigate the risk fully.

Note that the Android, macOS and Windows versions of HID Approve are not affected by this regression.

For customers with HID Approve SDK:

HID Approve SDK v5.5 (and earlier) is not affected by this regression.

HID Global released the HID Approve SDK v5.7.1.5 on March 7, 2022. If you are using this version to integrate with your projects, please download the latest security patch (v5.7.1.16) available.

If you have upgraded to v5.7.1.5, updating to the latest version alone doesn't fully mitigate the risk. Users who have activated with the affected version should be instructed to reactivate on their device to mitigate the risk once the app containing the patched version of the SDK is available.

**The patched version is available as a download** from the Apple App Store and the SDK can be downloaded directly from our [Customer Connect Portal](#).