

Apache Log4j (CVE-2021-44228)

TLP:WHITE

No restriction on distribution

HID-PSA-2021-03v5

2021-December-22

Severity: CRITICAL

Overview:

On December 9, 2021, a critical vulnerability (CVE-2021-44228) in Apache Log4j was reported. Once we became aware of the vulnerability, HID Global Product Security Incident Response Teams, in cooperation with our Information Security Incident Response Teams, started to analyze the vulnerability and identify affected products and services.

HID Cloud Products and Services

HID Global hosted products and services have been updated to fix this vulnerability. In addition, our security teams have been actively monitoring our environments and updating our defense in depth tools. We will continue to monitor and audit our systems, but at this time we are not aware of any breach in our environment.

Affected Products

The following products have been identified as affected by this vulnerability. See the corresponding Product Security Advisories for details and mitigation steps.

HID-PSA-2021-04

- **Authentication Appliance** versions 8.3 to 8.5
- **Authentication Server** versions 8.3 to 8.5

HID-PSA-2021-05

- **ActivClient** version 7.3 where the “US Department of Defense configuration” feature has been installed (This is not installed by default.)
 - All other versions of ActivClient are unaffected.

Unaffected Products

See list of unaffected below. If your product is not identified in this Product Security Advisory, please contact your HID Global representative.

Contact Information:

If you have additional questions, please contact your HID Global representative.

If you suspect that an HID Global product has been the target of an attack, please contact HID Technical Support at <https://www.hidglobal.com/support>.

References:

Apache's Disclosure: <https://logging.apache.org/log4j/2.x/security.html>

Unaffected Products

HID Global has identified the following products as unaffected by this vulnerability:

Citizen Identity Solutions

- goID
- Integrale DPS

Physical Access Control Solutions

Controllers

- HID Mercury™ EP Intelligent
- HID Mercury™ LP Intelligent
- HID Mercury™ MR SIO Series 3
- HID Mercury™ M5 Bridge
- HID Mercury™ MS Bridge
- HID Mercury™ MI Bridge
- HID Aero™
- VertX EVO®
- VertX®
- EDGE EVO®
- HID AC Series
- pivCLASS® Authentication Module (PAM)

Readers

- HID Proximity®
- HID Indala® Proximity
- HID pivCLASS®
- HID multiCLASS SE®
- HID iCLASS SE®
- HID Signo™
- HID Signo™ PIV

Mobile

- HID Mobile Access
- HID Mobile SDK
- HID Reader Manager

Software

- ISLOG Data Writer
- HID Biometric Manager™
- HID pivCLASS® Registration Engine
- HID pivCLASS® Certificate Manager
- HID pivCLASS® IDPublisher
- HID pivCLASS® Reader Services
- HID pivCLASS® MultiPACS
- HID pivCLASS® Mobile Validator
- HID pivCLASS® Mobile Registration Engine
- HID pivCLASS® Data Import
- HID pivCLASS® Validation Workstation

Secure Issuance

- Asure ID
 - Asure ID
 - Asure ID SDK
- FARGO Workbench
- Printer Utilities
 - Printer Diagnostics
 - Printer Firmware Updater
 - Printer Manager
 - Printer Properties Manager
- FARGO Printer SDK (Windows)
- FARGO Printer SDK (Linux)
- HID FARGO Connect
- Financial Instant Issuance Driverless Printers
 - DTCii Plus
 - HDP600ii
 - Spectrum
- Legacy DTC Printers & Laminators
 - C50
 - DTC1250e
 - DTC1500

- DTC4250e
- DTC4500e
- DTC5500LMX
- DTCii
- Legacy HDP Printers & Laminators
 - HDP5000
 - HDP8500
 - HDPii Plus
- HDP6600
- HID ELEMENT
- INK1000
- TRISM Instant Issuance Suite
- TRISM Connection Services
- TRISM Pay-Per-Click Web Portal
- TRISM XT HSM

Identification Technologies

- Mobile Ticketing Solution Mobility Platform (MTS)
- HCE SDK KALEMU
- Event Management Platform
- Bluzone

Identity and Access Management Solutions

- ActivID AAA Server for Windows (v7.0)
- ActivID 4TRESS Kerberos Agent
- ActivID Hardware Tokens
- Device Initialization Tool
- ActivID Soft Token
- HID Approve (all platforms)
- ActivID Validation Authority & Responder
- CoreStreet Desktop Validation Client
- Crescendo Management Tool
- EasyLobby
- DigitalPersona Server

- DigitalPersona Client
- DigitalPersona RADIUS Server
- DigitalPersona IdP
- DigitalPersona iOS app
- DigitalPersona Android app
- IdenTrust Digital Certificates
- HID PKI-as-a-Service
- HID Identity Sync Service
- ActivID Credential Management System v5.x
- HID SAFE 4.x
- HID SAFE 5.x
- HID WorkforceID Visitor Manager

Extended Access Technologies

- iClass SE Reader Module
- OMNIKEY readers
- iClass SE processor

Software

- Workbench
- OMNIKEY 5X27 SDK
- OMNIKEY CCID driver
- OMNIKEY EEM driver
- OMNIKEY Secure Element Toolkit

Extended Access Technologies - Biometrics

Fingerprint Readers

- Lumidigm readers
- DigitalPersona readers
- TouchChip & EikonTouch readers
- Multi-finger readers: LSCAN readers, Guardian readers, Patrol readers

Mobile Fingerprint Devices

- SEEK Avenger

- Verifier Sentry
- NOMAD30 and NOMAD60 readers

SDKs and Middleware

- BioCore
- BioMatch
- Lumidigm SDK and Secure Integration Kits
- DigitalPersona SDK
- PTAPI SDK
- LSE SDK
- NOMAD30 SDK
- IScan 3 SDK
- TFT Essentials SDK

Application and Server Software

- ArcID Portal
- ArcID Enrollment
- ArcID Store & Forward
- ArcID Identity Management
- ArcID Mobile – Android, iOS
- WEBS Enrollment
- WEBS Store & Forward
- MOBS
- LSMS
- IDTrak
- Commander