GE Digital Aviation Software Product Security Communication

Title: Apache Log4j Vulnerability
Communication ID GED 21-02 AV
CVE: [CVE-2021-44228](CVE-2021-44228)
Communication Release Date: December 16, 2021

Summary

GE Digital is aware of the security vulnerability identified in [CVE-2021-44228](CVE-2021-44228) known as "log4Shell".

The vulnerability is due to JNDI features used in configuration, log messages, and parameters not protecting against attacker-controlled LDAP and other JNDI related endpoints. An attacker who can control log messages or log message parameters can execute arbitrary code loaded from LDAP servers when message lookup substitution is enabled.

Immediately upon learning of this exploit, GE Digital initiated its cyber response plans to identify and mitigate potential risks within its environment and within its products. To date GE Digital Aviation Software has no evidence of exploitation of the log4j vulnerability on any of our products.

Software Not Containing Vulnerable Log4J Libraries

Based on our current assessment, the GE Digital products listed below do not contain or use the vulnerable libraries.

AirVault RMS
EMS (Flight Analytics)
FlightPulse
C-FOQA
Aviation Insights Portal

Software Containing Vulnerable Log4j Libraries

Based on our current assessment, the GE Digital products listed below contain or use the vulnerable libraries. Ongoing investigation continues with the GE Digital Aviation Software product family and further updates will be provided.

Product	Status
ATS	Patched 12/13/21
MRO Connect	Patched 12/13/21
Network Operations Cloud	In Progress
Network Operations Classic	In Progress

GE Digital, Aviation Software has restored Tableau-associated services impacted by the Apache log4j CVE. To do so we have made configuration changes on our tableau server instances intended to mitigate the

Apache log4J CVE vulnerability. We will continue to monitor and follow Tableau's guidance for this evolving situation.

Disclaimers

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Notification

Please visit the Customer Support Portal, "Community Forums" to sign up for auto-notifications for GE Digital, Aviation Software products to receive immediate notice of outages, security alerts and other information. https://geadsupport.freshdesk.com/support/home

Change Log

Date	Change(s)
12-16-2021	Initial Version