

Field Service Bulletin

Document Number	FSB-211213
Revision	A
Title	CVE-2021-44228: Apache Log4j Vulnerability - Impact Analysis
Product Family	Multiple
Specific Products Affected	Multiple

Problem Description

A vulnerability in Apache Log4j (a widely used logging package for Java) was identified in early December 2021. The vulnerability has been identified as CVE-2021-44228 and given the name Log4Shell.

The following table lists the Infinera products that are affected by this vulnerability. Any products not listed are considered not vulnerable. Due to the ongoing investigation, this FSB may be revised as more information becomes available.

Systems Affected

Product	Resolution
DNA - R19.x, R20.x, R21.x	FSB_211214 documents the recommended actions and resolution
Transcend Controller for Packet - SR6.0, SR6.0-SP1	Resolved in SR6.0-SP2
Transcend Controller for Transport (TC) - R4.x, R5.x	Solution & FSB in preparation
Transcend Maestro - SR6.0, SR6.0-SP1	Resolved in SR6.0-SP2
Transcend NMS (TNMS) - V17.x, V18.x, V19.x	Solution & FSB in preparation
Transcend Portal - V1.x, V2.x	Solution & FSB in preparation

Root Cause

Apache Log4j2 <=2.14.1 JNDI features used in configuration, log messages, and parameters do not protect 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. From log4j 2.15.0, this behavior has been disabled by default.

More information is available from the Apache Logging Services Project, in the [Fixed in Log4j 2.15.0](#) section of the Security Vulnerabilities page.

Document History

Date	Revision	Changes
14 Dec 2021	A	Original release

For More Information

If you require further assistance, or if you have questions regarding this Field Service Bulletin (FSB), contact the Infinera Technical Assistance Center (TAC) using any of the following methods:

- United States telephone (toll free): +1 800-443-5555
- International telephone: +1 408-572-5288
- Infinera Customer Portal: <http://support.infinera.com>

The Infinera TAC is available 24 hours a day, 7 days a week.