

Log4j2 Exposure (CVE-2021-44228)

DCSG

December 2021



Background

- DCSG has become aware of CVE-2021-44228, Apache Log4j 2 remote code execution vulnerability.
- The following tables apply to Broadcom DCSG products only, and cover exposure and fix planning.

Product Family	Status
Storage Controllers	See Next Slides
Pcie Switch	No Log4j Vulnerability
Ethernet NIC	No Log4j Vulnerability
Expander	No Log4j Vulnerability

Application Status – Storage (MegaRAID and HBA)

Application	Exposure	Versions	Fixed Version	Release Date
Firmware	No	---	---	---
Preboot	No	---	---	---
Drivers	No	---	---	---
StorCLI/StorCLI2	No	---	---	---
StorLIB/StorLIB8	No	---	---	---
LSA	No	---	---	---
MSM Legacy Utility	Log4j version is exposed. JNDI not used.	17.05.02.01 – 17.05.03.00	TBD	TBD
ScrutinyCLI	No	---	---	---
ScrutinyLIB	No	---	---	---
Scrutiny SI App	No	---	---	---
ScrutinyGUI Legacy Utility	No	---	---	---

- MSM versions 17.05.02.01 to 17.05.03.00 are the only currently supported version, as prior versions should be pulled based on prior JRE communication (2020-19).
 - Engineering is scoping move to latest log4j for MSM. We will have a schedule for fix by 12/22/21.
- Scrutiny GUI is listed, but no longer supported. Customers should be transitioned to Scrutiny SI Application.

Application Status – NIC

Application	Exposure	Versions	Fixed Version	Release Date
Firmware	No	-	-	-
Drivers	No	-	-	-
Pre-boot	No	-	-	-
NXE tools (Bnxtnm, bnxtmt, bnxtqos, bnxtfmp, lcdiag, bnxt-ctl, cdiag, OEM libraries, RoCE installer)	No	-	-	-
NX1 tools (B57diag, BACS, FWUPG, BMCC, Brcm Mgmt Agent, CIM / Windows WMI providers)	No	-	-	-
OneConnect tools	No	-	-	-

Application Status – PCIe Switch

Application	Exposure	Versions	Fixed Version	Release Date
Firmware	No	---	---	---
Pre-boot	No	---	---	---
Drivers	No	---	---	---
g4xRecovery	No	---	---	---
g4xMfg	No	---	---	---
g4xFlash	No	---	---	---
g4xFWutil	No	---	---	---
SwitchLIB & SwitchCLI	No	---	---	---
PDE	No	---	---	---
PLXCM	No	---	---	---
Arctic Lite	No	---	---	---