



Security Enhancements

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Security Enhancements

This section lists enhancements introduced to support Cisco Product Security Requirements and the Product Security Baseline (PSB). For more information about Cisco Product Security Requirements, refer to: <https://www.cisco.com/c/en/us/about/security-center/security-programs/secure-development-lifecycle/sdl-process.html>

PSB Requirements for 22.1.0 Release

Feature Summary and Revision History

Table 1: Summary Data

Applicable Product(s) or Functional Area	CPS/vDRA
Applicable Platform(s)	Not Applicable
Default Setting	Enabled - Always-on
Related Changes in This Release	Not Applicable
Related Documentation	Not Applicable

Table 2: Revision History

Revision Details	Release
First introduced	22.1.0

Feature Description

CPS PCRF meets the Cisco security guidelines and is aligned with the security features for 22.1.0 release. CPS now supports the following PSB requirements:

Table 3: CPS PSB Requirements

PSB Item	Description
CT2120: SEC-WEB-XSS-4	Prevent cross-site scripting vulnerabilities.
CT2119: SEC-TLS-CURR-6	Support current TLS versions.
CT2107: SEC-CRY-PRIM-7	Use approved cryptographic primitives and parameters.
CT2112: SEC-SW-SIG-5	Digitally sign software and control the keys.
CT1945: SEC-UPS-NOBACK-2	Protect against Supplier backdoors, malware, or known vulnerabilities.

CPS vDRA meets the Cisco security guidelines and is aligned with the security features for 22.1.0 release. vDRA now supports the following PSB requirements:

Table 4: vDRA PSB Requirements

PSB Item	Description
CT2120: SEC-WEB-XSS-4	Prevent cross-site scripting vulnerabilities.
CT2119: SEC-TLS-CURR-6	Support current TLS versions.
CT2107: SEC-CRY-PRIM-7	Use approved cryptographic primitives and parameters.
CT2112: SEC-SW-SIG-5	Digitally sign software and control the keys.
CT2111: SEC-LOG-CONTENT-3	Include identifying information in all log entries.
CT2110: SEC-LOG-ATTACK-2	Log indications of attack or abuse.
CT1570:SEC-LOG-ADMIN	Log administrative access.