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 23.1.0 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	23.1.0

Feature Description

CPS PCRF meets the Cisco security guidelines and is aligned with the security features for 23.1.0 release. CPS now supports the following PSB requirements:

Table 3: CPS PSB Requirements

PSB Item	Description
CT2226: SEC-HRD-BUILDENV-FR1-v2	Register and link your build environment to your offer.
CT2239: SEC-SW-APPDTCT-FR8-v1	Protect Signature Verification Elements (was SEC-SW-INSCHK-FR7.
CT2277: SEC-UPS-REGI-FR1-v4	Register Third Party Software.
CT2278: SEC-UPS-REGI-FR2-v4	Update TPS Registrations Regularly.
CT2232: SEC-SW-APPDTCT-FR1-v1	Check all signatures before installing code (was SEC-SW-INSCHK-FR1, SEC-SW-INSCHK-FR2 and SEC-SW-INSCHK-FR.
CT2233: SEC-SW-APPDTCT-FR2-v1	Check all subsidiary module signatures on installation (was SEC-SW-INSCHK-FR11).
CT2234: SEC-SW-APPDTCT-FR3-v1	Reject code with unexpected signatures on installation (was SEC-SW-INSCHK-FR3).
CT2223: SEC-DAT-KNOWWHAT-2	Know what data your product or service processes and assess the privacy risk.
CT2227: SEC-HRD-BUILDENV-FR2-v2	Perform the Build Environment Security (BES) risk assessment of your build environment.
CT2235: SEC-SW-APPDTCT-FR4-v1	Closed code must use Cisco installers (was SEC-SW-INSCHK-FR8).
CT2211: SEC-ASU-TRAIN-3	Train developers, testers, etc.
CT2231: SEC-PRV-USERAUTH-3	Control user and system access to personal information.

CPS vDRA meets the Cisco security guidelines and is aligned with the security features for 23.1.0 release. vDRA now supports the following PSB requirements:

Table 4: vDRA PSB Requirements

PSB Item	Description
CT2226: SEC-HRD-BUILDENV-FR1-v2	Register and link your build environment to your offer.
CT2239: SEC-SW-APPDTCT-FR8-v1	Protect Signature Verification Elements (was SEC-SW-INSCHK-FR7.
CT2277: SEC-UPS-REGI-FR1-v4	Register Third Party Software.

PSB Item	Description
CT2278: SEC-UPS-REGI-FR2-v4	Update TPS Registrations Regularly.
CT2232: SEC-SW-APPDTCT-FR1-v1	Check all signatures before installing code (was SEC-SW-INSCHK-FR1, SEC-SW-INSCHK-FR2 and SEC-SW-INSCHK-FR.
CT2233: SEC-SW-APPDTCT-FR2-v1	Check all subsidiary module signatures on installation (was SEC-SW-INSCHK-FR11).
CT2234: SEC-SW-APPDTCT-FR3-v1	Reject code with unexpected signatures on installation (was SEC-SW-INSCHK-FR3).
CT2223: SEC-DAT-KNOWWHAT-2	Know what data your product or service processes and assess the privacy risk.
CT2227: SEC-HRD-BUILDENV-FR2-v2	Perform the Build Environment Security (BES) risk assessment of your build environment.
CT2235: SEC-SW-APPDTCT-FR4-v1	Closed code must use Cisco installers (was SEC-SW-INSCHK-FR8).
CT2211: SEC-ASU-TRAIN-3	Train developers, testers, etc.
CT2231: SEC-PRV-USERAUTH-3	Control user and system access to personal information.