CVE-2018-3837

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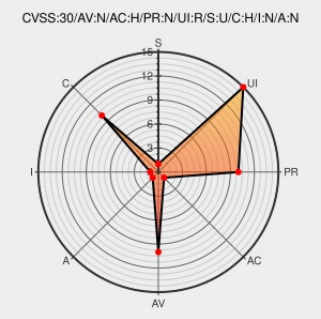
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Debian Linux from Debian contain the following vulnerability:

An exploitable information disclosure vulnerability exists in the PCX image rendering functionality of Simple DirectMedia Layer SDL2_image-2.0.2. A specially crafted PCX image can cause an out-of-bounds read on the heap, resulting in information disclosure . An attacker can display a specially crafted image to trigger this vulnerability.

CVE-2018-3837 has been assigned by talos-cna@cisco.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Cisco Systems, Inc.** - **Simple Direct Media** version **Simple DirectMedia LayerSDL2_image 2.0.2**

CVSS3 Score: 5.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: 4.3 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link

Debian -- Security Information -- DSA-4177-1 libsdl2-image	Third Party Advisory www.debian.org Depreciated Link text/html	DEBIAN DSA-4177
CVE-2018-3837 SDL2 vulnerability in StarWind VSAN for vSphere (VSA)	www.starwindsoftware.com text/html	MISC www.starwindsoftware.com/security/sw-20191008-0001/
TALOS-2018-0519 || Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Exploit Technical Description Third Party Advisory www.talosintelligence.com text/html	MISC www.talosintelligence.com/vulnerability_reports/TALOS-2018-0519
SDL2_Image: Multiple vulnerabilities (GLSA 201903-17) — Gentoo security	Third Party Advisory security.gentoo.org text/html	GENTOO GLSA-201903-17
Debian -- Security Information -- DSA-4184-1 sdl-image1.2	Third Party Advisory www.debian.org Depreciated Link text/html	DEBIAN DSA-4184

Related QID Numbers

710189 Gentoo Linux SDL2_Image Multiple vulnerabilities (GLSA 201903-17)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Libsdl	Sdl Image	2.0.2	All	All	All
Application	Libsdl	Sdl Image	2.0.2	All	All	All
Application	Starwindsoftware	Starwind Virtual San	v8	build12533	All	All
Application	Starwindsoftware	Starwind Virtual San	v8	build12658	All	All
Application	Starwindsoftware	Starwind Virtual San	v8	build12859	All	All

cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:*

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:*

cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:*

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:*

cpe:2.3:a:libsdl:sdl_image:2.0.2:*:*:*:*:*:*:*

cpe:2.3:a:libsdl:sdl_image:2.0.2:*:*:*:*:*:*:*

cpe:2.3:a:starwindsoftware:starwind_virtual_san:v8:build12533:*:*:*:vsphere:*:*:

cpe:2.3:a:starwindsoftware:starwind_virtual_san:v8:build12658:*:*:*:vsphere:*:*:

cpe:2.3:a:starwindsoftware:starwind_virtual_san:v8:build12859:*:*:*:vsphere:*:*:

No vendor comments have been submitted for this CVE

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