



NCSC-2025-0297

Kwetsbaarheden verholpen in Cisco IOS en Cisco IOS XE Software

NCSC Advisory

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TLP:WHITE

Toegestane verspreiding van TLP:WHITE

(Traffic Light Protocol)

Deze handreiking bevat het label TLP:WHITE en wordt door het NCSC verspreid. Het NCSC gebruikt het Traffic Light Protocol (TLP) om eenduidig te definiëren wat er met de informatie mag gebeuren. Wanneer informatie is voorzien van een TLP-aanduiding weet u met wie u deze informatie mag delen. Dit staat beschreven in de standaard First (www.first.org/tlp).

Ontvangers van TLP:WHITE mogen de informatie publiek verspreiden.

Uw reacties zijn welkom op info@ncsc.nl

Feiten

Cisco heeft kwetsbaarheden verholpen in Cisco IOS en Cisco IOS XE Software.

Duiding

De kwetsbaarheden omvatten verschillende problemen, waaronder een buffer overflow in de command-line interface (CLI) die kan leiden tot onverwachte herstarts van apparaten en een kwetsbaarheid in de TACACS+ protocolimplementatie die ongeauthenticeerde aanvallers in staat stelt om gevoelige gegevens te benaderen. Daarnaast zijn er kwetsbaarheden in de web UI die kunnen leiden tot cross-site scripting (XSS) aanvallen en een probleem in de NBAR-functie dat kan resulteren in een denial of service (DoS) door het versturen van gemanipuleerde CAPWAP-pakketten. Ook zijn er kwetsbaarheden in de SNMP-subsystemen die kunnen leiden tot ongeautoriseerde toegang en systeemdruptie.

Oplossingen

Cisco heeft updates uitgebracht om de kwetsbaarheden te verhelpen. Zie bijgevoegde referenties voor meer informatie.

Referenties

- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-9800cl-openscep-SB4xtxzP>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-cat9k-PtmD7bgy>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-cat9k-acl-L4K7VXgD>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-ios-cli-EB7cZ6yO>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-ios-invalid-url-dos-Nvxzf6u>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-ios-tacacs-hdB7thJw>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-ios-xe-cmd-inject-rPJM8BGL>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-iosxe-arg-inject-EyDDbh4e>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-nbar-dos-LAvwTmeT>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-secboot-UqFD8AvC>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-snmp-x4LPhte>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-snmpwred-x3MJyf5M>
- <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-webui-xss->

VWyDgiOU

Kwetsbaarheden

CVE	CVSS Score
> CVE-2025-20149	6.5 MEDIUM
> CVE-2025-20160	8.1 HIGH
> CVE-2025-20240	6.1 MEDIUM
> CVE-2025-20293	5.3 MEDIUM
> CVE-2025-20311	7.4 HIGH
> CVE-2025-20312	7.7 HIGH
> CVE-2025-20313	6.7 MEDIUM
> CVE-2025-20314	6.7 MEDIUM
> CVE-2025-20315	8.6 HIGH
> CVE-2025-20316	5.3 MEDIUM
> CVE-2025-20327	7.7 HIGH
> CVE-2025-20334	8.8 HIGH
> CVE-2025-20338	6.0 MEDIUM
> CVE-2025-20352	7.7 HIGH

CWE's

CWE	Beschrijving
> CWE-19	CWE-19
> CWE-35	Path Traversal: '.../.../'

➤ CWE-77	Improper Neutralization of Special Elements used in a Command ('Command Injection')
➤ CWE-120	Buffer Copy without Checking Size of Input ('Classic Buffer Overflow')
➤ CWE-121	Stack-based Buffer Overflow
➤ CWE-141	Improper Neutralization of Parameter/Argument Delimiters
➤ CWE-232	Improper Handling of Undefined Values
➤ CWE-284	Improper Access Control
➤ CWE-287	Improper Authentication
➤ CWE-459	Incomplete Cleanup
➤ CWE-692	Incomplete Denylist to Cross-Site Scripting
➤ CWE-805	Buffer Access with Incorrect Length Value
➤ CWE-835	Loop with Unreachable Exit Condition ('Infinite Loop')
➤ CWE-1287	Improper Validation of Specified Type of Input

Getroffen producten

Cisco
Cisco 1000 Series Integrated Services Routers
Cisco 1100 Series Industrial Integrated Services Routers
Cisco 4000 Series Integrated Services Routers
Cisco Cloud Services Router 1000V Series
Cisco IOS XE Catalyst SD-WAN
IOS
iOS XE

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