



CVE-2018-0163

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2018-0163
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-03-28 22:29:00 UTC
Updated	2021-04-28 22:38:00 UTC
Description	A vulnerability in the 802.1x multiple-authentication (multi-auth) feature of Cisco IOS Software could allow an unauthenticated

Risk And Classification

Problem Types: CWE-287

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	En
Hardware	Cisco	1120 Connected Grid Router	-	All	AI
Hardware	Cisco	1120 Connected Grid Router	-	All	AI
Hardware	Cisco	1240 Connected Grid Router	-	All	AI
Hardware	Cisco	1240 Connected Grid Router	-	All	AI
Hardware	Cisco	1905 Serial Integrated Services Router	-	All	AI
Hardware	Cisco	1905 Serial Integrated Services Router	-	All	AI
Hardware	Cisco	1906c Integrated Services Router	-	All	AI
Hardware	Cisco	1906c Integrated Services Router	-	All	AI
Hardware	Cisco	1921 Integrated Services Router	-	All	AI
Hardware	Cisco	1921 Integrated Services Router	-	All	AI
Hardware	Cisco	1941w Integrated Services Router	-	All	AI
Hardware	Cisco	1941w Integrated Services Router	-	All	AI
Hardware	Cisco	1941 Integrated Services Router	-	All	AI
Hardware	Cisco	1941 Integrated Services Router	-	All	AI
Hardware	Cisco	2010 Connected Grid Router	-	All	AI
Hardware	Cisco	2010 Connected Grid Router	-	All	AI
Hardware	Cisco	2901 Integrated Services Router	-	All	AI

Hardware	Cisco	2901 Integrated Services Router	-	All	AI
Hardware	Cisco	2911a Integrated Services Router	-	All	AI
Hardware	Cisco	2911a Integrated Services Router	-	All	AI
Hardware	Cisco	2911 Integrated Services Router	-	All	AI
Hardware	Cisco	2911 Integrated Services Router	-	All	AI
Hardware	Cisco	2921 Integrated Services Router	-	All	AI
Hardware	Cisco	2921 Integrated Services Router	-	All	AI
Hardware	Cisco	2951 Integrated Services Router	-	All	AI
Hardware	Cisco	2951 Integrated Services Router	-	All	AI
Hardware	Cisco	3925e Integrated Services Router	-	All	AI
Hardware	Cisco	3925e Integrated Services Router	-	All	AI
Hardware	Cisco	3925 Integrated Services Router	-	All	AI
Hardware	Cisco	3925 Integrated Services Router	-	All	AI
Hardware	Cisco	3945e Integrated Services Router	-	All	AI
Hardware	Cisco	3945e Integrated Services Router	-	All	AI
Hardware	Cisco	3945 Integrated Services Router	-	All	AI
Hardware	Cisco	3945 Integrated Services Router	-	All	AI
Hardware	Cisco	5915 Embedded Service Router	-	All	AI
Hardware	Cisco	5915 Embedded Service Router	-	All	AI
Hardware	Cisco	5921 Embedded Services Router	-	All	AI
Hardware	Cisco	5921 Embedded Services Router	-	All	AI
Hardware	Cisco	5940 Embedded Services Router	-	All	AI
Hardware	Cisco	5940 Embedded Services Router	-	All	AI
Hardware	Cisco	800m Integrated Services Router	-	All	AI
Hardware	Cisco	800m Integrated Services Router	-	All	AI
Hardware	Cisco	800 Series Routers	-	All	AI
Hardware	Cisco	800 Series Routers	-	All	AI
Hardware	Cisco	809 Industrial Integrated Services Router	-	All	AI
Hardware	Cisco	809 Industrial Integrated Services Router	-	All	AI
Hardware	Cisco	812 3g Integrated Services Router	-	All	AI
Hardware	Cisco	812 3g Integrated Services Router	-	All	AI
Hardware	Cisco	812 Cifi Integrated Services Router	-	All	AI
Hardware	Cisco	812 Cifi Integrated Services Router	-	All	AI
Hardware	Cisco	819 Hardened 3g	-	All	AI
Hardware	Cisco	819 Hardened 3g	-	All	AI

Hardware	Cisco	819 Hardened Dual Radio 802.11n Wifi Integrated Services Router	-	All	All
Hardware	Cisco	819 Hardened Dual Radio 802.11n Wifi Integrated Services Router	-	All	All
Hardware	Cisco	819 Hardened Integrated Services Router	-	All	All
Hardware	Cisco	819 Hardened Integrated Services Router	-	All	All
Hardware	Cisco	819 Integrated Services Router	-	All	All
Hardware	Cisco	819 Integrated Services Router	-	All	All
Hardware	Cisco	819 Non-hardened 4g Lte M2m	-	All	All
Hardware	Cisco	819 Non-hardened 4g Lte M2m	-	All	All
Hardware	Cisco	819 Non-hardened Secure Multi-mode 4g Lte M2m Isr Router	-	All	All
Hardware	Cisco	819 Non-hardened Secure Multi-mode 4g Lte M2m Isr Router	-	All	All
Hardware	Cisco	829 Industrial Integrated Services Router	-	All	All
Hardware	Cisco	829 Industrial Integrated Services Router	-	All	All
Hardware	Cisco	860vae-w Integrated Services Router	-	All	All
Hardware	Cisco	860vae-w Integrated Services Router	-	All	All
Hardware	Cisco	861w Integrated Services Router	-	All	All
Hardware	Cisco	861w Integrated Services Router	-	All	All
Hardware	Cisco	861 Integrated Services Router	-	All	All
Hardware	Cisco	861 Integrated Services Router	-	All	All
Hardware	Cisco	866vae Integrated Services Router	-	All	All
Hardware	Cisco	866vae Integrated Services Router	-	All	All
Hardware	Cisco	867vae Integrated Services Router	-	All	All
Hardware	Cisco	867vae Integrated Services Router	-	All	All
Hardware	Cisco	880-voice Integrated Services Router	-	All	All
Hardware	Cisco	880-voice Integrated Services Router	-	All	All
Hardware	Cisco	881-cube Integrated Services Router	-	All	All
Hardware	Cisco	881-cube Integrated Services Router	-	All	All
Hardware	Cisco	881w Integrated Services Router	-	All	All
Hardware	Cisco	881w Integrated Services Router	-	All	All
Hardware	Cisco	881 3g	-	All	All
Hardware	Cisco	881 3g	-	All	All
Hardware	Cisco	881 3g Integrated Services Router	-	All	All
Hardware	Cisco	881 3g Integrated Services Router	-	All	All
Hardware	Cisco	881 Secure Fast Ethernet	-	All	All
Hardware	Cisco	881 Secure Fast Ethernet	-	All	All
Hardware	Cisco	886va-cube Integrated Services Router	-	All	All

Hardware	Cisco	886va-cube Integrated Services Router	-	All	AI
Hardware	Cisco	886va-w Integrated Services Router	-	All	AI
Hardware	Cisco	886va-w Integrated Services Router	-	All	AI
Hardware	Cisco	886vag 3g Integrated Services Router	-	All	AI
Hardware	Cisco	886vag 3g Integrated Services Router	-	All	AI
Hardware	Cisco	886va Integrated Services Router	-	All	AI
Hardware	Cisco	886va Integrated Services Router	-	All	AI
Hardware	Cisco	887va-cube Integrated Services Router	-	All	AI
Hardware	Cisco	887va-cube Integrated Services Router	-	All	AI
Hardware	Cisco	887va-w Integrated Services Router	-	All	AI
Hardware	Cisco	887va-w Integrated Services Router	-	All	AI
Hardware	Cisco	887vagw 3g	-	All	AI
Hardware	Cisco	887vagw 3g	-	All	AI
Hardware	Cisco	887vag 3g Integrated Services Router	-	All	AI
Hardware	Cisco	887vag 3g Integrated Services Router	-	All	AI
Hardware	Cisco	887vam-w Integrated Services Router	-	All	AI
Hardware	Cisco	887vam-w Integrated Services Router	-	All	AI
Hardware	Cisco	887vamg 3g Integrated Services Router	-	All	AI
Hardware	Cisco	887vamg 3g Integrated Services Router	-	All	AI
Hardware	Cisco	887va Integrated Services Router	-	All	AI
Hardware	Cisco	887va Integrated Services Router	-	All	AI
Hardware	Cisco	887 Multi-mode Vdsl2/asdl2 Pots	-	All	AI
Hardware	Cisco	887 Multi-mode Vdsl2/asdl2 Pots	-	All	AI
Hardware	Cisco	887 Multi-mode Vdsl2/asdl2 Pots	-	All	AI
Hardware	Cisco	888-cube Integrated Services Router	-	All	AI
Hardware	Cisco	888-cube Integrated Services Router	-	All	AI
Hardware	Cisco	888e-cube Integrated Services Router	-	All	AI
Hardware	Cisco	888e-cube Integrated Services Router	-	All	AI
Hardware	Cisco	888eg 3g Integrated Services Router	-	All	AI
Hardware	Cisco	888eg 3g Integrated Services Router	-	All	AI
Hardware	Cisco	888e Integrated Services Router	-	All	AI
Hardware	Cisco	888e Integrated Services Router	-	All	AI
Hardware	Cisco	888w Integrated Services Router	-	All	AI
Hardware	Cisco	888w Integrated Services Router	-	All	AI
Hardware	Cisco	888 Integrated Services Router	-	All	AI
Hardware	Cisco	888 Integrated Services Router	-	All	AI

Hardware	Cisco	891-24x Integrated Services Router	-	All	AI
Hardware	Cisco	891-24x Integrated Services Router	-	All	AI
Hardware	Cisco	891w Integrated Services Router	-	All	AI
Hardware	Cisco	891w Integrated Services Router	-	All	AI
Hardware	Cisco	891 Integrated Services Router	-	All	AI
Hardware	Cisco	891 Integrated Services Router	-	All	AI
Hardware	Cisco	892f-cube Integrated Services Router	-	All	AI
Hardware	Cisco	892f-cube Integrated Services Router	-	All	AI
Hardware	Cisco	892w Integrated Services Router	-	All	AI
Hardware	Cisco	892w Integrated Services Router	-	All	AI
Hardware	Cisco	892 Integrated Services Router	-	All	AI
Hardware	Cisco	892 Integrated Services Router	-	All	AI
Hardware	Cisco	896 Multi-mode Vdsl2/adsl2 Isdn	-	All	AI
Hardware	Cisco	896 Multi-mode Vdsl2/adsl2 Isdn	-	All	AI
Hardware	Cisco	896 Multi-mode Vdsl2/adsl2 Isdn	-	All	AI
Hardware	Cisco	897 Multi-mode Vdsl2/adsl2 Pots	-	All	AI
Hardware	Cisco	897 Multi-mode Vdsl2/adsl2 Pots Annex M	-	All	AI
Hardware	Cisco	897 Multi-mode Vdsl2/adsl2 Pots	-	All	AI
Hardware	Cisco	897 Multi-mode Vdsl2/adsl2 Pots	-	All	AI
Hardware	Cisco	897 Multi-mode Vdsl2/adsl2 Pots Annex M	-	All	AI
Hardware	Cisco	897 Multi-mode Vdsl2/adsl2 Pots Annex M	-	All	AI
Hardware	Cisco	898 Secure G.shdsl Efm/atm	-	All	AI
Hardware	Cisco	898 Secure G.shdsl Efm/atm	-	All	AI
Hardware	Cisco	898 Secure G.shdsl Efm/atm	-	All	AI
Hardware	Cisco	C866vae Integrated Services Router	-	All	AI
Hardware	Cisco	C866vae Integrated Services Router	-	All	AI
Hardware	Cisco	C867vae Integrated Services Router	-	All	AI
Hardware	Cisco	C867vae Integrated Services Router	-	All	AI
Hardware	Cisco	C881w Integrated Services Router	-	All	AI
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Hardware	Cisco	C881 Integrated Services Router	-	All	AI
Hardware	Cisco	C881 Integrated Services Router	-	All	AI
Hardware	Cisco	C886vaj Integrated Services Router	-	All	AI
Hardware	Cisco	C886vaj Integrated Services Router	-	All	AI
Hardware	Cisco	C886va Integrated Services Routers	-	All	AI

Hardware	Cisco	C886va Integrated Services Routers	-	All	All
Hardware	Cisco	C887vam Integrated Series Routers	-	All	All
Hardware	Cisco	C887vam Integrated Series Routers	-	All	All
Hardware	Cisco	C887vam Integrated Services Routers	-	All	All
Hardware	Cisco	C887va Integrated Services Routers	-	All	All
Hardware	Cisco	C887va Integrated Services Routers	-	All	All
Hardware	Cisco	C888ea Integrated Services Router	-	All	All
Hardware	Cisco	C888ea Integrated Services Router	-	All	All
Hardware	Cisco	C888 Integrated Services Router	-	All	All
Hardware	Cisco	C888 Integrated Services Router	-	All	All
Hardware	Cisco	C891fw Integrated Services Router	-	All	All
Hardware	Cisco	C891fw Integrated Services Router	-	All	All
Hardware	Cisco	C891f Integrated Services Routers	-	All	All
Hardware	Cisco	C891f Integrated Services Routers	-	All	All
Hardware	Cisco	C892fsp Integrated Services Router	-	All	All
Hardware	Cisco	C892fsp Integrated Services Router	-	All	All
Hardware	Cisco	C896va Integrated Services Router	-	All	All
Hardware	Cisco	C896va Integrated Services Router	-	All	All
Hardware	Cisco	C897va-m Integrated Services Router	-	All	All
Hardware	Cisco	C897va-m Integrated Services Router	-	All	All
Hardware	Cisco	C897vam-w Integrated Services Router	-	All	All
Hardware	Cisco	C897vam-w Integrated Services Router	-	All	All
Hardware	Cisco	C897vaw Integrated Services Router	-	All	All
Hardware	Cisco	C897vaw Integrated Services Router	-	All	All
Hardware	Cisco	C897va Integrated Services Router	-	All	All
Hardware	Cisco	C897va Integrated Services Router	-	All	All
Hardware	Cisco	C898ea Integrated Services Router	-	All	All
Hardware	Cisco	C898ea Integrated Services Router	-	All	All
Hardware	Cisco	C899 Secure Gigabit Ethernet	-	All	All
Hardware	Cisco	C899 Secure Gigabit Ethernet	-	All	All
Operating System	Cisco	ios	15.4(3)m6	All	All
Operating System	Cisco	ios	15.4(3)m6a	All	All
Operating System	Cisco	ios	15.4(3)m7	All	All
Operating System	Cisco	ios	15.4(3)m7a	All	All
Operating System	Cisco	ios	15.4(3)m8	All	All
Operating System	Cisco	ios	15.4(3)m8a	All	All

Operating System	Cisco	ios	15.4(3.0i)m6	All	All
Operating System	Cisco	ios	15.4(3.0i)m6	All	All
Operating System	Cisco	ios	15.4(3)m6	All	All
Operating System	Cisco	ios	15.4(3)m6a	All	All
Operating System	Cisco	ios	15.4(3)m7	All	All
Operating System	Cisco	ios	15.4(3)m7a	All	All
Operating System	Cisco	ios	15.4(3)m8	All	All
Operating System	Cisco	ios	15.5(3)m3	All	All
Operating System	Cisco	ios	15.5(3)m4	All	All
Operating System	Cisco	ios	15.5(3)m4a	All	All
Operating System	Cisco	ios	15.5(3)m4b	All	All
Operating System	Cisco	ios	15.5(3)m4c	All	All
Operating System	Cisco	ios	15.5(3)m5	All	All
Operating System	Cisco	ios	15.5(3)m5a	All	All
Operating System	Cisco	ios	15.5(3)m6	All	All
Operating System	Cisco	ios	15.5(3)m6a	All	All
Operating System	Cisco	ios	15.5(3)m3	All	All
Operating System	Cisco	ios	15.5(3)m4	All	All
Operating System	Cisco	ios	15.5(3)m4a	All	All
Operating System	Cisco	ios	15.5(3)m4b	All	All
Operating System	Cisco	ios	15.5(3)m4c	All	All
Operating System	Cisco	ios	15.5(3)m5	All	All
Operating System	Cisco	ios	15.5(3)m5a	All	All
Operating System	Cisco	ios	15.5(3)m6	All	All
Operating System	Cisco	ios	15.5(3)m6a	All	All
Operating System	Cisco	ios	15.6(1)t2	All	All
Operating System	Cisco	ios	15.6(1)t3	All	All
Operating System	Cisco	ios	15.6(2)t1	All	All
Operating System	Cisco	ios	15.6(2)t2	All	All
Operating System	Cisco	ios	15.6(2)t3	All	All
Operating System	Cisco	ios	15.6(3)m	All	All
Operating System	Cisco	ios	15.6(3)m0a	All	All
Operating System	Cisco	ios	15.6(3)m1	All	All
Operating System	Cisco	ios	15.6(3)m1a	All	All
Operating System	Cisco	ios	15.6(3)m1b	All	All
Operating System	Cisco	ios	15.6(3)m2	All	All

Operating System	Cisco	ios	15.6(3)m2a	All	AI
Operating System	Cisco	ios	15.6(3)m3	All	AI
Operating System	Cisco	ios	15.6(3)m3a	All	AI
Operating System	Cisco	ios	15.6(1)t2	All	AI
Operating System	Cisco	ios	15.6(1)t3	All	AI
Operating System	Cisco	ios	15.6(2)t1	All	AI
Operating System	Cisco	ios	15.6(2)t2	All	AI
Operating System	Cisco	ios	15.6(2)t3	All	AI
Operating System	Cisco	ios	15.6(3)m	All	AI
Operating System	Cisco	ios	15.6(3)m0a	All	AI
Operating System	Cisco	ios	15.6(3)m1	All	AI
Operating System	Cisco	ios	15.6(3)m1a	All	AI
Operating System	Cisco	ios	15.6(3)m1b	All	AI
Operating System	Cisco	ios	15.6(3)m2	All	AI
Operating System	Cisco	ios	15.6(3)m2a	All	AI
Operating System	Cisco	ios	15.6(3)m3	All	AI
Operating System	Cisco	ios	15.6(3)m3a	All	AI
Operating System	Cisco	ios	15.7(3)m	All	AI
Operating System	Cisco	ios	15.7(3)m0a	All	AI
Operating System	Cisco	ios	15.7(3)m1	All	AI
Operating System	Cisco	ios	15.7(3)m2	All	AI
Operating System	Cisco	ios	15.7(3)m	All	AI
Operating System	Cisco	ios	15.7(3)m0a	All	AI
Operating System	Cisco	ios	15.7(3)m1	All	AI
Operating System	Cisco	ios	15.7(3)m2	All	AI
Operating System	Cisco	ios	15.4(3.0i) m6	All	AI
Operating System	Cisco	ios	15.4(3)m6	All	AI
Operating System	Cisco	ios	15.4(3)m6a	All	AI
Operating System	Cisco	ios	15.4(3)m7	All	AI
Operating System	Cisco	ios	15.4(3)m7a	All	AI
Operating System	Cisco	ios	15.4(3)m8	All	AI
Operating System	Cisco	ios	15.5(3)m3	All	AI
Operating System	Cisco	ios	15.5(3)m4	All	AI
Operating System	Cisco	ios	15.5(3)m4a	All	AI
Operating System	Cisco	ios	15.5(3)m4b	All	AI

Operating System	Cisco	ios	15.5(3)m4c	All	All
Operating System	Cisco	ios	15.5(3)m5	All	All
Operating System	Cisco	ios	15.5(3)m5a	All	All
Operating System	Cisco	ios	15.5(3)m6	All	All
Operating System	Cisco	ios	15.5(3)m6a	All	All
Operating System	Cisco	ios	15.6(1)t2	All	All
Operating System	Cisco	ios	15.6(1)t3	All	All
Operating System	Cisco	ios	15.6(2)t1	All	All
Operating System	Cisco	ios	15.6(2)t2	All	All
Operating System	Cisco	ios	15.6(2)t3	All	All
Operating System	Cisco	ios	15.6(3)m	All	All
Operating System	Cisco	ios	15.6(3)m0a	All	All
Operating System	Cisco	ios	15.6(3)m1	All	All
Operating System	Cisco	ios	15.6(3)m1a	All	All
Operating System	Cisco	ios	15.6(3)m1b	All	All
Operating System	Cisco	ios	15.6(3)m2	All	All
Operating System	Cisco	ios	15.6(3)m2a	All	All
Operating System	Cisco	ios	15.6(3)m3	All	All
Operating System	Cisco	ios	15.6(3)m3a	All	All
Operating System	Cisco	ios	15.7(3)m	All	All
Operating System	Cisco	ios	15.7(3)m0a	All	All
Operating System	Cisco	ios	15.7(3)m1	All	All
Operating System	Cisco	ios	15.7(3)m2	All	All
Hardware	Cisco	Vg204xm Analog Voice Gateway	-	All	All
Hardware	Cisco	Vg204xm Analog Voice Gateway	-	All	All
Hardware	Cisco	Vg350 Analog Voice Gateway	-	All	All
Hardware	Cisco	Vg350 Analog Voice Gateway	-	All	All
Hardware	Cisco	Vg3x0 Analog Voice Gateway	-	All	All
Hardware	Cisco	Vg3x0 Analog Voice Gateway	-	All	All
Hardware	Rockwellautomation	Stratix 5900	-	All	All
Hardware	Rockwellautomation	Stratix 5900	-	All	All

References

Reference	Source	Link	Tags
Cisco IOS Software CVE-2018-0163 Authentication Bypass Vulnerability	BID	www.securityfocus.com	Third Party
Cisco IOS Software 200-1: Multiple Authentication Port Authentication Bypass Vulnerability	CONFIRM	tools.cisco.com	Vendor

Cisco IOS Software 802.1X Multiple-Authentication Port Authentication Bypass vulnerability	CONFIRM	tools.cisco.com	vendor
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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