



CVE-2020-3161

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Summary

CVE	CVE-2020-3161
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-04-15 20:15:00 UTC
Updated	2021-08-12 18:19:00 UTC
Description	A vulnerability in the web server for Cisco IP Phones could allow an unauthenticated, remote attacker to execute code with

Risk And Classification

EPSS: 0.773260000 probability, percentile 0.989700000 (date 2026-04-01)

CISA KEV: Listed on 2021-11-03; due 2022-05-03; ransomware use Unknown

Problem Types: CWE-20

CISA Known Exploited Vulnerability

Vendor	Cisco
Product	Cisco IP Phones
Name	Cisco IP Phones Web Server Remote Code Execution and Denial-of-Service Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2020-3161

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	8831	-	All	All	All
Hardware	Cisco	8831	-	All	All	All
Operating System	Cisco	8831 Firmware	10.3\{(1)es14	All	All	All
Operating System	Cisco	8831 Firmware	11.0\{(1)	All	All	All
Operating System	Cisco	8831 Firmware	11.0\{(5)sr1	All	All	All
Operating System	Cisco	8831 Firmware	10.3\{(1)es14	All	All	All
Operating System	Cisco	8831 Firmware	11.0\{(1)	All	All	All
Operating System	Cisco	8831 Firmware	11.0\{(5)sr1	All	All	All

Hardware	Cisco	Ip Phone 7811	-	All	All	All
Hardware	Cisco	Ip Phone 7811	-	All	All	All
Operating System	Cisco	Ip Phone 7811 Firmware	11.0\ (1)	All	All	All
Operating System	Cisco	Ip Phone 7811 Firmware	11.0\ (1)	All	All	All
Hardware	Cisco	Ip Phone 7821	-	All	All	All
Hardware	Cisco	Ip Phone 7821	-	All	All	All
Operating System	Cisco	Ip Phone 7821 Firmware	11.0\ (1)	All	All	All
Operating System	Cisco	Ip Phone 7821 Firmware	11.0\ (1)	All	All	All
Hardware	Cisco	Ip Phone 7841	-	All	All	All
Hardware	Cisco	Ip Phone 7841	-	All	All	All
Operating System	Cisco	Ip Phone 7841 Firmware	11.0\ (1)	All	All	All
Operating System	Cisco	Ip Phone 7841 Firmware	11.0\ (1)	All	All	All
Hardware	Cisco	Ip Phone 7861	-	All	All	All
Hardware	Cisco	Ip Phone 7861	-	All	All	All
Operating System	Cisco	Ip Phone 7861 Firmware	11.0\ (1)	All	All	All
Operating System	Cisco	Ip Phone 7861 Firmware	11.0\ (1)	All	All	All
Hardware	Cisco	Ip Phone 8811	-	All	All	All
Hardware	Cisco	Ip Phone 8811	-	All	All	All
Operating System	Cisco	Ip Phone 8811 Firmware	10.3\ (1)es14	All	All	All
Operating System	Cisco	Ip Phone 8811 Firmware	11.0\ (1)	All	All	All
Operating System	Cisco	Ip Phone 8811 Firmware	11.0\ (5)sr1	All	All	All
Operating System	Cisco	Ip Phone 8811 Firmware	10.3\ (1)es14	All	All	All
Operating System	Cisco	Ip Phone 8811 Firmware	11.0\ (1)	All	All	All
Operating System	Cisco	Ip Phone 8811 Firmware	11.0\ (5)sr1	All	All	All
Hardware	Cisco	Ip Phone 8821	-	All	All	All
Hardware	Cisco	Ip Phone 8821	-	All	All	All
Hardware	Cisco	Ip Phone 8821-ex	-	All	All	All
Hardware	Cisco	Ip Phone 8821-ex	-	All	All	All
Operating System	Cisco	Ip Phone 8821-ex Firmware	10.3\ (1)es14	All	All	All
Operating System	Cisco	Ip Phone 8821-ex Firmware	11.0\ (1)	All	All	All
Operating System	Cisco	Ip Phone 8821-ex Firmware	11.0\ (5)sr1	All	All	All
Operating System	Cisco	Ip Phone 8821-ex Firmware	10.3\ (1)es14	All	All	All
Operating System	Cisco	Ip Phone 8821-ex Firmware	11.0\ (1)	All	All	All
Operating System	Cisco	Ip Phone 8821-ex Firmware	11.0\ (5)sr1	All	All	All
Operating System	Cisco	Ip Phone 8821 Firmware	10.3\ (1)es14	All	All	All

Operating System	Cisco	Ip Phone 8821 Firmware	11.0\1)	All	All	All
Operating System	Cisco	Ip Phone 8821 Firmware	11.0\5)sr1	All	All	All
Operating System	Cisco	Ip Phone 8821 Firmware	10.3\1)es14	All	All	All
Operating System	Cisco	Ip Phone 8821 Firmware	11.0\1)	All	All	All
Operating System	Cisco	Ip Phone 8821 Firmware	11.0\5)sr1	All	All	All
Hardware	Cisco	Ip Phone 8841	-	All	All	All
Hardware	Cisco	Ip Phone 8841	-	All	All	All
Operating System	Cisco	Ip Phone 8841 Firmware	10.3\1)es14	All	All	All
Operating System	Cisco	Ip Phone 8841 Firmware	11.0\1)	All	All	All
Operating System	Cisco	Ip Phone 8841 Firmware	11.0\5)sr1	All	All	All
Operating System	Cisco	Ip Phone 8841 Firmware	10.3\1)es14	All	All	All
Operating System	Cisco	Ip Phone 8841 Firmware	11.0\1)	All	All	All
Operating System	Cisco	Ip Phone 8841 Firmware	11.0\5)sr1	All	All	All
Hardware	Cisco	Ip Phone 8845	-	All	All	All
Hardware	Cisco	Ip Phone 8845	-	All	All	All
Operating System	Cisco	Ip Phone 8845 Firmware	10.3\1)es14	All	All	All
Operating System	Cisco	Ip Phone 8845 Firmware	11.0\1)	All	All	All
Operating System	Cisco	Ip Phone 8845 Firmware	11.0\5)sr1	All	All	All
Operating System	Cisco	Ip Phone 8845 Firmware	10.3\1)es14	All	All	All
Operating System	Cisco	Ip Phone 8845 Firmware	11.0\1)	All	All	All
Operating System	Cisco	Ip Phone 8845 Firmware	11.0\5)sr1	All	All	All
Hardware	Cisco	Ip Phone 8851	-	All	All	All
Hardware	Cisco	Ip Phone 8851	-	All	All	All
Operating System	Cisco	Ip Phone 8851 Firmware	10.3\1)es14	All	All	All
Operating System	Cisco	Ip Phone 8851 Firmware	11.0\1)	All	All	All
Operating System	Cisco	Ip Phone 8851 Firmware	11.0\5)sr1	All	All	All
Operating System	Cisco	Ip Phone 8851 Firmware	10.3\1)es14	All	All	All
Operating System	Cisco	Ip Phone 8851 Firmware	11.0\1)	All	All	All
Operating System	Cisco	Ip Phone 8851 Firmware	11.0\5)sr1	All	All	All
Hardware	Cisco	Ip Phone 8861	-	All	All	All
Hardware	Cisco	Ip Phone 8861	-	All	All	All
Operating System	Cisco	Ip Phone 8861 Firmware	10.3\1)es14	All	All	All
Operating System	Cisco	Ip Phone 8861 Firmware	11.0\1)	All	All	All
Operating System	Cisco	Ip Phone 8861 Firmware	11.0\5)sr1	All	All	All
Operating System	Cisco	Ip Phone 8861 Firmware	10.3\1)es14	All	All	All

Operating System	Cisco	Ip Phone 8861 Firmware	11.0(1)	All	All	All
Operating System	Cisco	Ip Phone 8861 Firmware	11.0(5)sr1	All	All	All
Hardware	Cisco	Ip Phone 8865	-	All	All	All
Hardware	Cisco	Ip Phone 8865	-	All	All	All
Operating System	Cisco	Ip Phone 8865 Firmware	10.3(1)es14	All	All	All
Operating System	Cisco	Ip Phone 8865 Firmware	11.0(1)	All	All	All
Operating System	Cisco	Ip Phone 8865 Firmware	11.0(5)sr1	All	All	All
Operating System	Cisco	Ip Phone 8865 Firmware	10.3(1)es14	All	All	All
Operating System	Cisco	Ip Phone 8865 Firmware	11.0(1)	All	All	All
Operating System	Cisco	Ip Phone 8865 Firmware	11.0(5)sr1	All	All	All

References

Reference	Source	Link	Tags
Cisco IP Phone 11.7 Denial Of Service ~ Packet Storm	MISC	packetstormsecurity.com	Exploit, T
Cisco IP Phones Web Server Remote Code Execution and Denial of Service Vulnerability	CISCO	tools.cisco.com	Vendor A
CVE Program record	CVE.ORG	www.cve.org	canonica
NVD vulnerability detail	NVD	nvd.nist.gov	canonica
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	kev

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

730176 Cisco IP Phones Web Server Remote Code Execution and Denial of Service Vulnerability (cisco-sa-voip-phones-rce-dos-rB6EeRXs)

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