CVE-2020-25206

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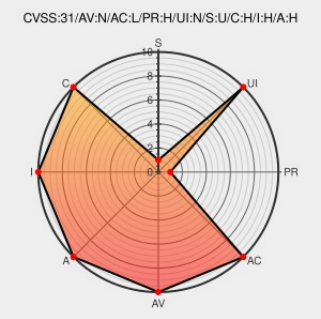
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of B5 from Mimosa contain the following vulnerability:

The web console for Mimosa B5, B5c, and C5x firmware through 2.8.0.2 allows authenticated command injection in the Throughput, WANStats, PhyStats, and QosStats API classes. An attacker with access to a web console account may execute operating system commands on affected devices by sending crafted POST requests to the affected endpoints (/core/api/calls/Throughput.php, /core/api/calls/WANStats.php, /core/api/calls/PhyStats.php, /core/api/calls/QosStats.php). This results in the complete takeover of the vulnerable device. This vulnerability does not occur in the older 1.5.x firmware versions.

CVE-2020-25206 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.2 - HIGH

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

CVSS2 Score: 9 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link

CWE - CWE-78: Improper Neutralization of Special Elements used in an OS Command ('OS Command Injection') (4.9)	cwe.mitre.org text/html	MISC cwe.mitre.org/data/definitions/78.html
Advisories	labs.f-secure.com text/html	MISC labs.f-secure.com/advisories/
Mimosa PTP Devices - Multiple Vulnerabilities	labs.f-secure.com text/html	MISC labs.f-secure.com/advisories/mimosa-ptp-devices-multiple-vulnerabilities/

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Mimosa	B5	-	All	All	All
Hardware	Mimosa	B5c	-	All	All	All
Operating System	Mimosa	B5c Firmware	All	All	All	All
Operating System	Mimosa	B5 Firmware	All	All	All	All
Hardware	Mimosa	C5c	-	All	All	All
Operating System	Mimosa	C5c Firmware	All	All	All	All

cpe:2.3:h:mimosa:b5:-:*:*:*:*:*:*:*:

cpe:2.3:h:mimosa:b5c:-:*:*:*:*:*:*:*:

cpe:2.3:o:mimosa:b5c_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:o:mimosa:b5_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:mimosa:c5c:-:*:*:*:*:*:*:*:

cpe:2.3:o:mimosa:c5c_firmware:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2020-25206 : The web console for Mimosa B5, B5c, and C5x firmware through 2.8.0.2 allows authenticated command… twitter.com/i/web/status/1…	2021-07-20 19:04:11
	New vulnerability on the NVD: CVE-2020-25206 ift.tt/3zIlGwy	2021-07-20

@WesUncensored	New vulnerability on the NVD: CVE-2020-25206 ift.tt/3zll6wy	2021-07-20 20:48:16
@Velletron	CVE-2020-25206 ift.tt/3zll6wy #CVE #Vulnerability	2021-07-20 20:54:05
@xanadulinux	CVE-2020-25206 ift.tt/3zll6wy	2021-07-20 21:02:16
@workentin	New vulnerability on the NVD: CVE-2020-25206 ift.tt/3zll6wy	2021-07-20 21:05:22
@LinInfoSec	Php - CVE-2020-25206: labs.f-secure.com/advisories/	2021-07-30 16:35:07
/r/netcve	CVE-2020-25206	2021-07-20 19:40:33

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