

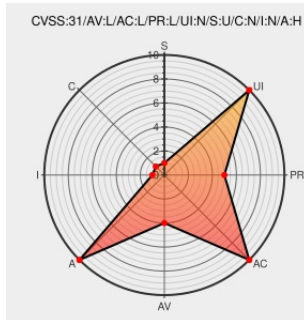


CVE-2019-5176

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CVE-2019-5176

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of **Pfc200** from **Wago** contain the following vulnerability:

An exploitable stack buffer overflow vulnerability exists in the iocheckd service 'I/O-Check' functionality of WAGO PFC 200 Firmware version 03.02.02(14). An attacker can send a specially crafted packet to trigger the parsing of this cache file. The destination buffer `sp+0x40` is overflowed with the call to `sprintf()` for any gateway values that are greater than `512-len('/etc/config-tools/config_default_gateway number=0 state=enabled value=')` in length. A gateway value of length `0x7e2` will cause the service to crash.

CVE-2019-5176 has been assigned by [Cisco](#) talos-cna@cisco.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [Cisco](#) **Wago - WAGO PFC200** version **Firmware version 03.02.02(14)**

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
TALOS-2019-0963 Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Exploit Mitigation Technical Description Third Party Advisory talosintelligence.com text/html	MISC talosintelligence.com/vulnerability_reports/TALOS-2019-0963

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591135 WAGO PFC200 iocheckd service "I/O-Check" cache Multiple Code Execution Multiple Vulnerabilities (TALOS-2019-0963)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware 	Wago	Pfc200	-	All	All	All
Hardware 	Wago	Pfc200	-	All	All	All
Operating System	Wago	Pfc200 Firmware	03.02.02(14)	All	All	All
Operating System	Wago	Pfc200 Firmware	03.02.02\ (14\)	All	All	All
Operating System	Wago	Pfc200 Firmware	03.02.02\ (14\)	All	All	All
cpe:2.3:h:wago:pfc200:-:*****:.*:						
cpe:2.3:h:wago:pfc200:-:*****:.*:						
cpe:2.3:o:wago:pfc200_firmware:03.02.02(14):*****:.*:						
cpe:2.3:o:wago:pfc200_firmware:03.02.02\ (14\):*****:.*:						
cpe:2.3:o:wago:pfc200_firmware:03.02.02\ (14\):*****:.*:						

No vendor comments have been submitted for this CVE

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