CVE-2017-14459

Published on: 04/11/2018 12:00:00 AM UTC

Last Modified on: 04/19/2022 07:15:00 PM UTC

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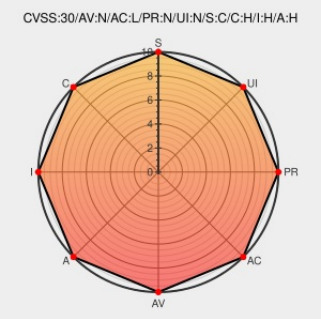
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Awk-3131a from Moxa contain the following vulnerability:

An exploitable OS Command Injection vulnerability exists in the Telnet, SSH, and console login functionality of Moxa AWK-3131A Industrial IEEE 802.11a/b/g/n wireless AP/bridge/client in firmware versions 1.4 to 1.7 (current). An attacker can inject commands via the username parameter of several services (SSH, Telnet, console), resulting in remote, unauthenticated, root-level operating system command execution.

CVE-2017-14459 has been assigned by talos-cna@cisco.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **Talos** - **Moxa** version **Moxa AWK-3131A Industrial IEEE 802.11a/b/g/n wireless AP/bridge/client versions 1.4 - 1.9. In addition, versions prior to 1.4 appear similarly vulnerable to injection, but not as easily exploitable (described below). Other models in the AWK product line may likewise be vulnerable but have not been tested.**

CVSS3 Score: 9.8 - CRITICAL

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

CVSS2 Score: 10 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
TALOS-2017-0507 || Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Third Party Advisory talosintelligence.com text/html	MISC talosintelligence.com/vulnerability_reports/TALOS-2017-0507

Related QID Numbers

591173 Moxa AWK-3131A Multiple Features Login Username Parameter OS Command Injection Vulnerability (TALOS-2017-0507)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Moxa	Awk-3131a	-	All	All	All
Hardware	Moxa	Awk-3131a	-	All	All	All
Operating System	Moxa	Awk-3131a Firmware	1.4	All	All	All
Operating System	Moxa	Awk-3131a Firmware	1.5	All	All	All
Operating System	Moxa	Awk-3131a Firmware	1.6	All	All	All
Operating System	Moxa	Awk-3131a Firmware	1.7	All	All	All
Operating System	Moxa	Awk-3131a Firmware	1.4	All	All	All
Operating System	Moxa	Awk-3131a Firmware	1.5	All	All	All
Operating System	Moxa	Awk-3131a Firmware	1.6	All	All	All
Operating System	Moxa	Awk-3131a Firmware	1.7	All	All	All

cpe:2.3:h:moxa:awk-3131a:-:*:*:*:*:*:*:*:

cpe:2.3:h:moxa:awk-3131a:-:*:*:*:*:*:*:*:

cpe:2.3:o:moxa:awk-3131a_firmware:1.4:*:*:*:*:*:*:*:

cpe:2.3:o:moxa:awk-3131a_firmware:1.5:*:*:*:*:*:*:*:

cpe:2.3:o:moxa:awk-3131a_firmware:1.6:*:*:*:*:*:*:*:

cpe:2.3:o:moxa:awk-3131a_firmware:1.7:*:*:*:*:*:*:*:

cpe:2.3:o:moxa:awk-3131a_firmware:1.4:*:*:*:*:*:*:*:

cpe:2.3:o:moxa:awk-3131a_firmware:1.5:*:*:*:*:*:*:*

cpe:2.3:o:moxa:awk-3131a_firmware:1.6:*:*:*:*:*:*:*

cpe:2.3:o:moxa:awk-3131a_firmware:1.7:*:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

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