



CVE-2016-8712

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2016-8712
State	PUBLISHED
Assigner	talos
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-04-13 19:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	An exploitable nonce reuse vulnerability exists in the Web Application functionality of Moxa AWK-3131A Wireless AP running

Risk And Classification

Primary CVSS: v3.1 8.1 HIGH from nvd@nist.gov

CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-613 | Nonce reuse

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	8.1	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H
3.0	talos-cna@cisco.com	Secondary	5.9	MEDIUM	CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N
3.0	CNA	DECLARED	5.9	MEDIUM	CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:P/I:N/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

High

Availability

High

CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

None

Availability

None

CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

ntegrity

None

Availability

None

AV:N/AC:M/Au:N/C:P/I:N/A:N

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Moxa	Awk-3131a	-	All	All	All
Operating System	Moxa	Awk-3131a Firmware	1.1	All	All	All

Vendor Declared Affected Products						
Source	Vendor	Product			Version	Platforms
CNA	Moxa	AWK-3131A Series Industrial IEEE 802.11a/b/g/n Wireless AP/bridge/client			affected 1.1	Not specified

References				
Reference	Source	Link	Tags	
TALOS-2016-0225 - Cisco Talos	af854a3a-2127-422b-91ae-364da2661108	www.talosintelligence.com	Exploit, Mitigation, Third Party A	
CVE Program record	CVE.ORG	www.cve.org	canonical	
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis	

No vendor comments have been submitted for this CVE.

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