GL-iNet Comet (GL-RM1) KVM unauthenticated root access via UART serial console

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

Summary

CVE	CVE-2026-32291
State	PUBLISHED
Assigner	cisa-cg
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-17 18:16:16 UTC
Updated	2026-04-27 12:36:50 UTC
Description	The GL-iNet Comet (GL-RM1) KVM before 1.8.2 does not require authentication on the UART serial console. This attack re

Risk And Classification

Primary CVSS: v4.0 7 HIGH from 9119a7d8-5eab-497f-8521-727c672e3725

CVSS:4.0/AV:P/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.000520000 probability, percentile 0.159800000 (date 2026-04-27)

Problem Types: CWE-306 | CWE-306 CWE-306 Missing Authentication for Critical Function

Version	Source	Type	Score	Severity	Vector
4.0	9119a7d8-5eab-497f-8521-727c672e3725	Secondary	7	HIGH	CVSS:4.0/AV:P/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/V
4.0	CNA	DECLARED	7	HIGH	CVSS:4.0/AV:P/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/V
3.1	9119a7d8-5eab-497f-8521-727c672e3725	Secondary	6.8	MEDIUM	CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	6.8	MEDIUM	CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v4.0 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:P/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	GL-inet	Comet GL-rm1	-	All	All	All
Operating System	GL-inet	Comet GL-rm1 Firmware	All	All	All	All

Vendor Declared Affected Products

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	GL-iNet	Comet KVM	affected 1.8.2 custom	Not specified
CNA	GL-iNet	Comet KVM	unaffected 1.8.2	Not specified

References

Reference	Source
raw.githubusercontent.com/cisagov/CSAF/develop/csaf_files/IT/white/2025/va-26-076-01.json	9119a7d8-5eab-497f-8521-727c672e3725
eclypsium.com/blog/your-kvm-is-the-weak-link-how-30-dollar-devices-can-own-...	9119a7d8-5eab-497f-8521-727c672e3725
www.cve.org/CVERecord	9119a7d8-5eab-497f-8521-727c672e3725
dl.gl-inet.com/release/kvm/release/RM1/1.8.2	9119a7d8-5eab-497f-8521-727c672e3725
NVD vulnerability detail	NVD

Vendor Comments And Credit

Discovery Credit

CNA: Reynaldo Vasquez Garcia, Eclypsium (en)

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