



# Amon2 versions before 6.17 for Perl use an insecure random\_string implementation for security functions

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2025-15604
<b>State</b>	PUBLISHED
<b>Assigner</b>	CPANSec
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-03-28 19:16:53 UTC
<b>Updated</b>	2026-04-01 15:16:23 UTC
<b>Description</b>	Amon2 versions before 6.17 for Perl use an insecure random_string implementation for security functions. In versions 6.06

## Risk And Classification

**Primary CVSS:** v3.1 9.8 CRITICAL from nvd@nist.gov

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

**EPSS:** 0.000440000 probability, percentile 0.135570000 (date 2026-04-01)

**Problem Types:** CWE-338 | CWE-340 | CWE-340 CWE-340 Generation of Predictable Numbers or Identifiers | CWE-338 CWE-338 Use of Cryptographically Weak Pseudo-Random Number Generator

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	ADP	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/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
Application	Tokuhirom	Amon2	All	All	All	All

#### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	TOKUHIROM	Amon2	affected 6.17 custom	Not specified

#### References

Reference	Source	Link
github.com/tokuhirom/Amon/pull/135	9b29abf9-4ab0-4765-b253-1875cd9b441e	github.com
www.openwall.com/lists/oss-security/2026/03/28/4	af854a3a-2127-422b-91ae-364da2661108	www.openwa
metacpan.org/release/TOKUHIROM/Amon2-6.17/changes	9b29abf9-4ab0-4765-b253-1875cd9b441e	metacpan.org
security.metacpan.org/docs/guides/random-data-for-security.html	9b29abf9-4ab0-4765-b253-1875cd9b441e	security.meta
metacpan.org/release/TOKUHIROM/Amon2-6.17/diff/TOKUHIROM/Amon2-6.16	9b29abf9-4ab0-4765-b253-1875cd9b441e	metacpan.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

#### Additional Advisory Data

##### Solutions

**CNA:** Upgrade to Amon2 version 6.17 or later.

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

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