



# OrangeHRM Uses AES-ECB for Sensitive Data Encryption Enables Pattern Disclosure

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

## Summary

<b>CVE</b>	CVE-2026-39349
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-07 19:16:46 UTC
<b>Updated</b>	2026-04-08 21:27:00 UTC
<b>Description</b>	OrangeHRM is a comprehensive human resource management (HRM) system. From 5.0 to 5.8, OrangeHRM Open Source

## Risk And Classification

**Primary CVSS:** v4.0 2.1 LOW from security-advisories@github.com

CVSS:4.0/AV:N/AC:H/AT:P/PR:H/UI:N/VC:L/VI:N/VA:N/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/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

**EPSS:** 0.000190000 probability, percentile 0.050610000 (date 2026-04-09)

**Problem Types:** CWE-326 | CWE-326 CWE-326: Inadequate Encryption Strength

Version	Source	Type	Score	Severity	Vector
4.0	security-advisories@github.com	Secondary	2.1	LOW	CVSS:4.0/AV:N/AC:H/AT:P/PR:H/UI:N/VC:L/VI:N/VA:N/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/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	DECLARED	2.1	LOW	CVSS:4.0/AV:N/AC:H/AT:P/PR:H/UI:N/VC:L/VI:N/VA:N/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/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Attack Requirements

Present

Privileges Required

High

User Interaction

None

Confidentiality

Confidentiality

Low

Integrity

None

Availability

None

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:H/AT:P/PR:H/UI:N/VC:L/VI:N/VA:N/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/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Orangehrm	Orangehrm	affected >= 5.0, < 5.8.1	Not specified

### References

Reference	Source	Link	Tags
github.com/orangehrm/orangehrm/security/advisories/GHSA-g29m-3jgj-gprg	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, a

No vendor comments have been submitted for this CVE.

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

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