



Recoverable obfuscation using the OECH1 prefix encoding in OpenEdge

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

Summary

CVE	CVE-2025-8095
State	PUBLISHED
Assigner	ProgressSoftware
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-14 14:16:11 UTC
Updated	2026-04-17 15:24:57 UTC
Description	The OECH1 prefix encoding is intended to obfuscate values across the OpenEdge platform. It has been identified as crypt

Risk And Classification

Primary CVSS: v4.0 9.1 CRITICAL from security@progress.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H/E:U/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:Y/R:X/V:D/RE:M/U:R
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EPSS: 0.000310000 probability, percentile 0.088010000 (date 2026-04-21)

Problem Types: CWE-257 | CWE-257 CWE-257

Version	Source	Type	Score	Severity	Vector
4.0	security@progress.com	Secondary	9.1	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H
4.0	CNA	CVSS	9.1	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

None

Confidentiality **High**

Integrity **High**

Availability **High**

Sub Conf. **High**

Sub Integrity **High**

Sub Availability **High**

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H/E:U/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:Y/R:X/V:D/RE:M/U:R

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Vendor Declared Affected Products				
Source	Vendor	Product	Version	Platforms
CNA	Progress Software Corporation	OpenEdge	affected 12.2.0 12.2.18 custom	Windows, Linux, 64 bit, 32 bit
CNA	Progress Software Corporation	OpenEdge	affected 12.8.0 12.8.9 custom	Windows, Linux, 64 bit, 32 bit

References		
Reference	Source	Link
community.progress.com/s/article/Unintended-Use-of-OECH1-for-Password-Secrets-Protec...	security@progress.com	community.progres
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

CNA: Thomas Riedmaier, Siemens Energy (en)

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

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