VDB-308272 · CVE-2025-4527 · GCVE-100-308272

DÍGITRO NGC EXPLORER 3.44.15 PASSWORD TRANSMISSION CLIENT-SIDE ENFORCEMENT OF SERVER-SIDE SECURITY

A vulnerability has been found in Dígitro NGC Explorer 3.44.15 and classified as problematic. This vulnerability affects some unknown processing of the component *Password Transmission Handler*. The manipulation with an unknown input leads to a client-side enforcement of server-side security vulnerability. The CWE definition for the vulnerability is CWE-602. The product is composed of a server that relies on the client to implement a mechanism that is intended to protect the server. As an impact it is known to affect confidentiality.

This vulnerability was named CVE-2025-4527. The exploitation appears to be difficult. The attack can be initiated remotely. No form of authentication is required for a successful exploitation. Technical details are unknown but an exploit is available.

It is declared as proof-of-concept. The vendor was contacted early about this disclosure but did not respond in any way.

There is no information about possible countermeasures known. It may be suggested to replace the affected object with an alternative product.

The entries VDB-9049 and VDB-241582 are pretty similar.

Product

Vendor

- Dígitro

Name

- NGC Explorer

Version

- 3.44.15

CPE 2.3

- 🔒

CPE 2.2

- 🔒

CVSSv4

VulDB Vector: 🔒
VulDB Reliability: 🔍

CNA CVSS-B Score: 🔒
CNA CVSS-BT Score: 🔒
CNA Vector: 🔒

CVSSv3

VulDB Meta Base Score: 3.7
VulDB Meta Temp Score: 3.5

VulDB Base Score: 3.7
VulDB Temp Score: 3.4
VulDB Vector: 🔒
VulDB Reliability: 🔍

CNA Base Score: 3.7
CNA Vector: 🔒

CVSSv2

VulDB Base Score: 🔒
VulDB Temp Score: 🔒
VulDB Reliability: 🔍

Exploiting

Class: Client-side enforcement of server-side security
CWE: CWE-602
CAPEC: 🔒
ATT&CK: 🔒

Local: No
Remote: Yes

Availability: 🔒
Status: Proof-of-Concept
Price Prediction: 🔍
Current Price Estimation: 🔒

Threat Intelligence

Interest: 🔍
Active Actors: 🔍
Active APT Groups: 🔍

Countermeasures

Recommended: no mitigation known
Status: 🔍

0-Day Time: 🔒

Timeline

05/10/2025		Advisory disclosed
05/10/2025	+0 days	VulDB entry created
05/11/2025	+1 days	VulDB entry last update

Sources

Status: Not defined

CVE: CVE-2025-4527 (🔒)
GCVE (CVE): GCVE-0-2025-4527
GCVE (VulDB): GCVE-100-308272
scip Labs: https://www.scip.ch/en/?labs.20161013
See also: 🔒

Entry

Created: 05/10/2025 07:35 AM
Updated: 05/11/2025 05:23 AM
Changes: 05/10/2025 07:35 AM (52), 05/11/2025 05:23 AM (30)
Complete: 🔍
Submitter: j369
Cache ID: 5:82C:101

Submit

Accepted

- Submit #565308: Dígitro NGC Explorer 3.44.15 Improper client-side encryption implementation

Discussion

No comments yet. Languages: en.

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