

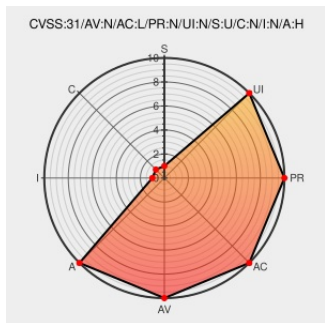


CVE-2021-36155

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CVE-2021-36155

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Grpc Swift](#) from [Linuxfoundation](#) contain the following vulnerability:

LengthPrefixedMessageReader in gRPC Swift 1.1.0 and earlier allocates buffers of arbitrary length, which allows remote attackers to cause uncontrolled resource consumption and deny service.

CVE-2021-36155 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Releases · grpc/grpc-swift · GitHub	github.com text/html	MISC github.com/grpc/grpc-swift/releases
Uncontrolled Resource Consumption in LengthPrefixedMessageReader · Advisory · grpc/grpc-swift · GitHub	github.com text/html	MISC github.com/grpc/grpc-swift/security/advisories/GHSA-rxmj-hg9v-

35303 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail

[bugs.chromium.org](https://bugs.chromium.org/text/html)
[text/html](#) [MISC bugs.chromium.org/p/oss-fuzz/issues/detail?id=35303](https://bugs.chromium.org/p/oss-fuzz/issues/detail?id=35303)

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Linuxfoundation	Grpc Swift	1.0.0	All	All	All
Application	Linuxfoundation	Grpc Swift	1.1.0	All	All	All
Application	Linuxfoundation	Grpc Swift	1.1.1	All	All	All
cpe:2.3:a:linuxfoundation:grpc_swift:1.0.0:*:*:*:*:*:						
cpe:2.3:a:linuxfoundation:grpc_swift:1.1.0:*:*:*:*:*:						
cpe:2.3:a:linuxfoundation:grpc_swift:1.1.1:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-36155 : LengthPrefixedMessageReader in gRPC Swift 1.1.0 and earlier allocates buffers of arbitrary length,... twitter.com/i/web/status/1...	2021-07-09 12:05:43
 @threatmeter	CVE-2021-36155 LengthPrefixedMessageReader in gRPC Swift 1.1.0 and earlier allocates buffers of arbitrary length, w... twitter.com/i/web/status/1...	2021-07-10 07:10:52
 /r/netcve	CVE-2021-36155	2021-07-09 13:41:14

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