



CVE-2019-16396

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CVE-2019-16396

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

Certain versions of [Gnucobol](#) from [Gnucobol Project](#) contain the following vulnerability:

GnuCOBOL 2.2 has a use-after-free in the `end_scope_of_program_name()` function in `cobc/parser.y` via crafted COBOL source code.

CVE-2019-16396 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
Page not found - SourceForge.net	Exploit Third Party Advisory sourceforge.net text/html Inactive Link Not Archived	MISC sourceforge.net/p/open-cobol/bugs/587/

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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	Gnucobol Project	Gnucobol	2.2	All	All	All
Application	Gnucobol Project	Gnucobol	2.2	All	All	All
cpe:2.3:a:gnucobol_project:gnucobol:2.2:*:*:*:*:*:						
cpe:2.3:a:gnucobol_project:gnucobol:2.2:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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