



CVE-2016-8606

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2016-8606
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-01-12 22:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The REPL server (--listen) in GNU Guile 2.0.12 allows an attacker to execute arbitrary code via an HTTP inter-protocol atta

Risk And Classification

Primary CVSS: v3.0 9.8 CRITICAL from nvd@nist.gov

CVSS: 3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.003400000 probability, percentile 0.567070000 (date 2026-05-11)

Problem Types: CWE-284 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	23	All	All	All
Operating System	Fedoraproject	Fedora	24	All	All	All
Operating System	Fedoraproject	Fedora	25	All	All	All
Application	Gnu	Guile	2.0.12	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
oss-security - Re: CVE request: GNU Guile <= 2.0.12: REPL server vulnerable to HTTP inter-protocol attacks	af854a3a-2127-422b-91ae-30
[SECURITY] Fedora 25 Update: guile-2.0.13-1.fc25 - package-announce - Fedora Mailing-Lists	af854a3a-2127-422b-91ae-30
GNU Guile CVE-2016-8606 Remote Code Execution Vulnerability	af854a3a-2127-422b-91ae-30
[SECURITY] Fedora 23 Update: guile-2.0.13-1.fc23 - package-announce - Fedora Mailing-Lists	af854a3a-2127-422b-91ae-30
[SECURITY] Fedora 24 Update: guile-2.0.13-1.fc24 - package-announce - Fedora Mailing-Lists	af854a3a-2127-422b-91ae-30
[SECURITY] Fedora 25 Update: guile-2.0.13-1.fc25 - package-announce - Fedora Mailing-Lists	MITRF

[SECURITY] Fedora 24 Update: guile-2.0.13-1.fc24 - package-announce - Fedora Mailing-Lists	MITRE
[SECURITY] Fedora 23 Update: guile-2.0.13-1.fc23 - package-announce - Fedora Mailing-Lists	MITRE
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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