



CVE-2017-7523

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2017-7523
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-07-21 22:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	Cygwin versions 1.7.2 up to and including 1.8.0 are vulnerable to buffer overflow vulnerability in wcsxfrm/wcsxfrm_l function

Risk And Classification

Primary CVSS: v3.0 7.5 HIGH from nvd@nist.gov

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

Problem Types: CWE-787 | CWE-119 | CWE-787 CWE-787

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	5		AV:N/AC:L/Au:N/C:N/I:N/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Cygwin	Cygwin	1.7.10	All	All	All
Application	Cygwin	Cygwin	1.7.11	All	All	All
Application	Cygwin	Cygwin	1.7.12	All	All	All
Application	Cygwin	Cygwin	1.7.13	All	All	All
Application	Cygwin	Cygwin	1.7.14	All	All	All
Application	Cygwin	Cygwin	1.7.15	All	All	All
Application	Cygwin	Cygwin	1.7.16	All	All	All
Application	Cygwin	Cygwin	1.7.17	All	All	All
Application	Cygwin	Cygwin	1.7.18	All	All	All
Application	Cygwin	Cygwin	1.7.19	All	All	All
Application	Cygwin	Cygwin	1.7.2	All	All	All
Application	Cygwin	Cygwin	1.7.21	All	All	All
Application	Cygwin	Cygwin	1.7.22	All	All	All
Application	Cygwin	Cygwin	1.7.23	All	All	All
Application	Cygwin	Cygwin	1.7.24	All	All	All
Application	Cygwin	Cygwin	1.7.25	All	All	All
Application	Cygwin	Cygwin	1.7.26	All	All	All

Application	Cygwin	Cygwin	1.7.27	All	All	All
Application	Cygwin	Cygwin	1.7.28	All	All	All
Application	Cygwin	Cygwin	1.7.29	All	All	All
Application	Cygwin	Cygwin	1.7.3	All	All	All
Application	Cygwin	Cygwin	1.7.31	All	All	All
Application	Cygwin	Cygwin	1.7.32	All	All	All
Application	Cygwin	Cygwin	1.7.33	All	All	All
Application	Cygwin	Cygwin	1.7.34	All	All	All
Application	Cygwin	Cygwin	1.7.35	All	All	All
Application	Cygwin	Cygwin	1.7.5	All	All	All
Application	Cygwin	Cygwin	1.7.6	All	All	All
Application	Cygwin	Cygwin	1.7.7	All	All	All
Application	Cygwin	Cygwin	1.7.8	All	All	All
Application	Cygwin	Cygwin	1.7.9	All	All	All
Application	Cygwin	Cygwin	1.8.0	All	All	All

Vendor Declared Affected Products						
Source	Vendor	Product	Version		Platforms	
CNA	Red Hat Inc.	Cygwin	affected since 1.7.2 up to 2.8.0		Not specified	

References						
Reference	Source			Link	Tags	
Erik Bray - Bug? wcsxfrm causing memory corruption	af854a3a-2127-422b-91ae-364da2661108			cygwin.com	Exploit, Mailing List, Ven	
CVE Program record	CVE.ORG			www.cve.org	canonical	
NVD vulnerability detail	NVD			nvd.nist.gov	canonical, analysis	

No vendor comments have been submitted for this CVE.
There are currently no legacy QID mappings associated with this CVE.

