



# CVE-2011-3112

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

## Summary

|                 |                                                                                                                                                                                     |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2011-3112                                                                                                                                                                       |
| State           | PUBLISHED                                                                                                                                                                           |
| Assigner        | mitre                                                                                                                                                                               |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                                                                                        |
| Published       | 2012-05-24 18:55:01 UTC                                                                                                                                                             |
| Updated         | 2026-04-29 01:13:23 UTC                                                                                                                                                             |
| Description     | Use-after-free vulnerability in the PDF functionality in Google Chrome before 19.0.1084.52 allows remote attackers to cause a denial of service (crash) via a crafted PDF document. |

## Risk And Classification

Primary CVSS: v2.0 5 from nvd@nist.gov

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

Problem Types: CWE-399 | n/a

## 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 | Google | Chrome  | 19.0.1028.0 | All    | All     | All      |

|             |                        |                        |             |     |     |     |
|-------------|------------------------|------------------------|-------------|-----|-----|-----|
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1029.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1030.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1031.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1032.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1033.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1034.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1035.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1036.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1036.2 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1036.3 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1036.4 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1036.6 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1036.7 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1037.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1038.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1039.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1040.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1041.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1042.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1043.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1044.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1045.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1046.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1047.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1048.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1049.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1049.1 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1049.2 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1049.3 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1050.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1051.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1052.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1053.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1054.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1055.0 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1055.1 | All | All | All |

|             |        |        |             |     |     |     |
|-------------|--------|--------|-------------|-----|-----|-----|
| Application | Google | Chrome | 19.0.1055.2 | All | All | All |
| Application | Google | Chrome | 19.0.1055.3 | All | All | All |
| Application | Google | Chrome | 19.0.1056.0 | All | All | All |
| Application | Google | Chrome | 19.0.1056.1 | All | All | All |
| Application | Google | Chrome | 19.0.1057.0 | All | All | All |
| Application | Google | Chrome | 19.0.1057.1 | All | All | All |
| Application | Google | Chrome | 19.0.1057.3 | All | All | All |
| Application | Google | Chrome | 19.0.1058.0 | All | All | All |
| Application | Google | Chrome | 19.0.1058.1 | All | All | All |
| Application | Google | Chrome | 19.0.1059.0 | All | All | All |
| Application | Google | Chrome | 19.0.1060.0 | All | All | All |
| Application | Google | Chrome | 19.0.1060.1 | All | All | All |
| Application | Google | Chrome | 19.0.1061.0 | All | All | All |
| Application | Google | Chrome | 19.0.1061.1 | All | All | All |
| Application | Google | Chrome | 19.0.1062.0 | All | All | All |
| Application | Google | Chrome | 19.0.1062.1 | All | All | All |
| Application | Google | Chrome | 19.0.1063.0 | All | All | All |
| Application | Google | Chrome | 19.0.1063.1 | All | All | All |
| Application | Google | Chrome | 19.0.1064.0 | All | All | All |
| Application | Google | Chrome | 19.0.1065.0 | All | All | All |
| Application | Google | Chrome | 19.0.1066.0 | All | All | All |
| Application | Google | Chrome | 19.0.1067.0 | All | All | All |
| Application | Google | Chrome | 19.0.1068.0 | All | All | All |
| Application | Google | Chrome | 19.0.1068.1 | All | All | All |
| Application | Google | Chrome | 19.0.1069.0 | All | All | All |
| Application | Google | Chrome | 19.0.1070.0 | All | All | All |
| Application | Google | Chrome | 19.0.1071.0 | All | All | All |
| Application | Google | Chrome | 19.0.1072.0 | All | All | All |
| Application | Google | Chrome | 19.0.1073.0 | All | All | All |
| Application | Google | Chrome | 19.0.1074.0 | All | All | All |
| Application | Google | Chrome | 19.0.1075.0 | All | All | All |
| Application | Google | Chrome | 19.0.1076.0 | All | All | All |
| Application | Google | Chrome | 19.0.1076.1 | All | All | All |
| Application | Google | Chrome | 19.0.1077.0 | All | All | All |
| Application | Google | Chrome | 19.0.1077.1 | All | All | All |

|             |        |        |              |     |     |     |
|-------------|--------|--------|--------------|-----|-----|-----|
| Application | Google | Chrome | 19.0.1077.2  | All | All | All |
| Application | Google | Chrome | 19.0.1077.3  | All | All | All |
| Application | Google | Chrome | 19.0.1078.0  | All | All | All |
| Application | Google | Chrome | 19.0.1079.0  | All | All | All |
| Application | Google | Chrome | 19.0.1080.0  | All | All | All |
| Application | Google | Chrome | 19.0.1081.0  | All | All | All |
| Application | Google | Chrome | 19.0.1081.2  | All | All | All |
| Application | Google | Chrome | 19.0.1082.0  | All | All | All |
| Application | Google | Chrome | 19.0.1082.1  | All | All | All |
| Application | Google | Chrome | 19.0.1083.0  | All | All | All |
| Application | Google | Chrome | 19.0.1084.0  | All | All | All |
| Application | Google | Chrome | 19.0.1084.1  | All | All | All |
| Application | Google | Chrome | 19.0.1084.10 | All | All | All |
| Application | Google | Chrome | 19.0.1084.11 | All | All | All |
| Application | Google | Chrome | 19.0.1084.12 | All | All | All |
| Application | Google | Chrome | 19.0.1084.13 | All | All | All |
| Application | Google | Chrome | 19.0.1084.14 | All | All | All |
| Application | Google | Chrome | 19.0.1084.15 | All | All | All |
| Application | Google | Chrome | 19.0.1084.16 | All | All | All |
| Application | Google | Chrome | 19.0.1084.17 | All | All | All |
| Application | Google | Chrome | 19.0.1084.18 | All | All | All |
| Application | Google | Chrome | 19.0.1084.19 | All | All | All |
| Application | Google | Chrome | 19.0.1084.2  | All | All | All |
| Application | Google | Chrome | 19.0.1084.20 | All | All | All |
| Application | Google | Chrome | 19.0.1084.21 | All | All | All |
| Application | Google | Chrome | 19.0.1084.22 | All | All | All |
| Application | Google | Chrome | 19.0.1084.23 | All | All | All |
| Application | Google | Chrome | 19.0.1084.24 | All | All | All |
| Application | Google | Chrome | 19.0.1084.25 | All | All | All |
| Application | Google | Chrome | 19.0.1084.26 | All | All | All |
| Application | Google | Chrome | 19.0.1084.27 | All | All | All |
| Application | Google | Chrome | 19.0.1084.28 | All | All | All |
| Application | Google | Chrome | 19.0.1084.29 | All | All | All |
| Application | Google | Chrome | 19.0.1084.3  | All | All | All |
| Application | Google | Chrome | 19.0.1084.30 | All | All | All |
| Application | Google | Chrome | 19.0.1084.31 | All | All | All |

|             |                        |                        |              |     |     |     |
|-------------|------------------------|------------------------|--------------|-----|-----|-----|
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.31 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.32 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.33 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.35 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.36 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.37 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.38 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.39 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.4  | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.40 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.41 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.42 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.43 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.44 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.45 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.46 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.47 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.48 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.5  | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.50 | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.6  | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.7  | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.8  | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | 19.0.1084.9  | All | All | All |
| Application | <a href="#">Google</a> | <a href="#">Chrome</a> | All          | All | All | All |

| Vendor Declared Affected Products |                    |                     |              |               |  |  |
|-----------------------------------|--------------------|---------------------|--------------|---------------|--|--|
| Source                            | Vendor             | Product             | Version      | Platforms     |  |  |
| CNA                               | <a href="#">Na</a> | <a href="#">N/a</a> | affected n/a | Not specified |  |  |

| References                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------|
| Reference                                                                                                                                   |
| Issue 127331 - chromium - Use-after-free in PDF with bad cross-refs and encryption - An open-source project to help move the web forward. - |
| Repository / Oval Repository                                                                                                                |
| Google Chrome Prior to 19.0.1084.52 Multiple Security Vulnerabilities                                                                       |
| Chrome Releases: Stable Channel Update                                                                                                      |
| Google Chrome Multiple Flaws Let Remote Users Execute Arbitrary Code - SecurityTracker                                                      |

|                                                                                        |
|----------------------------------------------------------------------------------------|
| Google Chrome multiple flaws let remote users execute arbitrary code - Security Hacker |
| About Secunia Research   Flexera                                                       |
| osvdb.org/82247                                                                        |
| CVE Program record                                                                     |
| NVD vulnerability detail                                                               |
| <div><div></div><div></div></div>                                                      |
| No vendor comments have been submitted for this CVE.                                   |
| There are currently no legacy QID mappings associated with this CVE.                   |

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