



# CVE-2015-2737

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                                                                                                                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2015-2737                                                                                                                                                                                                                                                                                                                                       |
| <b>State</b>           | PUBLIC                                                                                                                                                                                                                                                                                                                                              |
| <b>Assigner</b>        | security@mozilla.org                                                                                                                                                                                                                                                                                                                                |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                                                                                                                                                                                                                                        |
| <b>Published</b>       | 2015-07-06 02:01:00 UTC                                                                                                                                                                                                                                                                                                                             |
| <b>Updated</b>         | 2018-10-30 16:27:00 UTC                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>     | The rx::d3d11::SetBufferData function in the Direct3D 11 implementation in Mozilla Firefox before 39.0, Firefox ESR 31.x before 31.1.0, and Firefox ESR 31.1.1 is vulnerable to a buffer overflow when processing a crafted Direct3D 11 shader. This vulnerability can be exploited to crash the browser or, in some cases, execute arbitrary code. |

## Risk And Classification

### Problem Types: CWE-17

## NVD Known Affected Configurations (CPE 2.3)

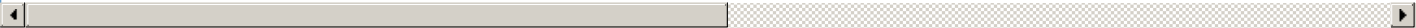
| Type             | Vendor                    | Product                      | Version | Update | Edition | Language |
|------------------|---------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 12.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 14.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 14.10   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 15.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 12.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 14.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 14.10   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 15.04   | All    | All     | All      |
| Operating System | <a href="#">Debian</a>    | <a href="#">Debian Linux</a> | 7.0     | All    | All     | All      |
| Operating System | <a href="#">Debian</a>    | <a href="#">Debian Linux</a> | 8.0     | All    | All     | All      |
| Operating System | <a href="#">Debian</a>    | <a href="#">Debian Linux</a> | 7.0     | All    | All     | All      |
| Operating System | <a href="#">Debian</a>    | <a href="#">Debian Linux</a> | 8.0     | All    | All     | All      |
| Application      | <a href="#">Mozilla</a>   | <a href="#">Firefox</a>      | All     | All    | All     | All      |
| Application      | <a href="#">Mozilla</a>   | <a href="#">Firefox ESR</a>  | 31.0    | All    | All     | All      |
| Application      | <a href="#">Mozilla</a>   | <a href="#">Firefox ESR</a>  | 31.1    | All    | All     | All      |
| Application      | <a href="#">Mozilla</a>   | <a href="#">Firefox ESR</a>  | 31.1.0  | All    | All     | All      |
| Application      | <a href="#">Mozilla</a>   | <a href="#">Firefox ESR</a>  | 31.1.1  | All    | All     | All      |

|                  |         |                                           |        |     |     |     |
|------------------|---------|-------------------------------------------|--------|-----|-----|-----|
|                  |         |                                           |        |     |     |     |
| Application      | Mozilla | Firefox Esr                               | 31.2   | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.3   | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.3.0 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.4   | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.5   | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.5.1 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.5.2 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.5.3 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.6.0 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.7.0 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 38.0   | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.0   | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.1   | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.1.0 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.1.1 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.2   | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.3   | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.3.0 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.4   | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.5   | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.5.1 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.5.2 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.5.3 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.6.0 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 31.7.0 | All | All | All |
| Application      | Mozilla | Firefox Esr                               | 38.0   | All | All | All |
| Application      | Mozilla | Thunderbird                               | All    | All | All | All |
| Operating System | Oracle  | Solaris                                   | 11.3   | All | All | All |
| Operating System | Oracle  | Solaris                                   | 11.3   | All | All | All |
| Operating System | Suse    | Linux Enterprise Desktop                  | 12     | All | All | All |
| Operating System | Suse    | Linux Enterprise Desktop                  | 12     | All | All | All |
| Operating System | Suse    | Linux Enterprise Server                   | 11     | sp4 | All | All |
| Operating System | Suse    | Linux Enterprise Server                   | 11     | sp4 | All | All |
| Operating System | Suse    | Linux Enterprise Software Development Kit | 12     | All | All | All |
| Operating System | Suse    | Linux Enterprise Software Development Kit | 12     | All | All | All |

|                  |                      |                                              |    |     |     |     |
|------------------|----------------------|----------------------------------------------|----|-----|-----|-----|
| Operating System | <a href="#">Suse</a> | <a href="#">Suse Linux Enterprise Server</a> | 12 | All | All | All |
| Operating System | <a href="#">Suse</a> | <a href="#">Suse Linux Enterprise Server</a> | 12 | All | All | All |

## References

| Reference                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Solaris Bulletin - April 2016                                                                                                          |
| [security-announce] openSUSE-SU-2015:1229-1: important: Security update                                                                       |
| Debian -- Security Information -- DSA-3300-1 iceweasel                                                                                        |
| Red Hat Customer Portal                                                                                                                       |
| [security-announce] SUSE-SU-2015:1268-1: important: Security update for                                                                       |
| Red Hat Customer Portal                                                                                                                       |
| USN-2656-2: Firefox vulnerabilities   Ubuntu                                                                                                  |
| [security-announce] openSUSE-SU-2015:1266-1: important: Mozilla (Firefox                                                                      |
| USN-2673-1: Thunderbird vulnerabilities   Ubuntu                                                                                              |
| Mozilla Firefox Multiple Flaws Let Remote Users Execute Arbitrary Code, Obtain Potentially Sensitive Information, Bypass Security Restriction |
| Oracle Solaris Third Party Bulletin - October 2015                                                                                            |
| [security-announce] SUSE-SU-2015:1269-1: important: Security update for                                                                       |
| Access Denied                                                                                                                                 |
| Vulnerabilities found through code inspection — Mozilla                                                                                       |
| Debian -- Security Information -- DSA-3324-1 icedove                                                                                          |
| [security-announce] SUSE-SU-2015:1449-1: important: Security update for                                                                       |
| USN-2656-1: Firefox vulnerabilities   Ubuntu                                                                                                  |
| Mozilla Products: Multiple vulnerabilities (GLSA 201512-10) — Gentoo Security                                                                 |
| Mozilla Thunderbird Multiple Flaws Let Remote Users Execute Arbitrary Code, Obtain Potentially Sensitive Information, and Bypass Security F   |
| Mozilla Firefox/Thunderbird Multiple Security Vulnerabilities                                                                                 |
| CVE Program record                                                                                                                            |
| NVD vulnerability detail                                                                                                                      |



No vendor comments have been submitted for this CVE.

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

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