# CVE-2020-13848

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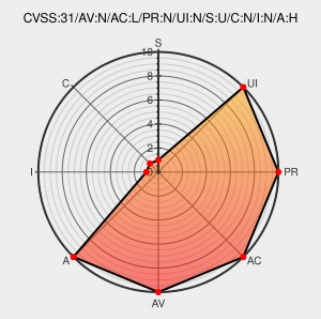
## CVE-2020-13848

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Debian Linux from Debian contain the following vulnerability:

Portable UPnP SDK (aka libupnp) 1.12.1 and earlier allows remote attackers to cause a denial of service (crash) via a crafted SSDP message due to a NULL pointer dereference in the functions FindServiceControlURLPath and FindServiceEventURLPath in genlib/service_table/service_table.c.

CVE-2020-13848 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

### CVSS3 Score: 7.5 - HIGH

| Attack Vector | Attack Complexity | Privileges Required | User Interaction |
|---|---|---|---|
| NETWORK | LOW | NONE | NONE |
| **Scope** | **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| UNCHANGED | NONE | NONE | HIGH |

### CVSS2 Score: 5 - MEDIUM

| Access Vector | Access Complexity | Authentication |
|---|---|---|
| NETWORK | LOW | NONE |
| **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| NONE | NONE | PARTIAL |

### CVE References

| Description | Tags | Link |
|---|---|---|
| [security-announce] openSUSE-SU-2020:0821-1: moderate: Security update f | lists.opensuse.org<br>text/html | SUSE openSUSE-SU-2020:0821 |

| | | |
|---|---|---|
| [SECURITY] [DLA 2238-1] libupnp security update | Mailing List<br>Third Party Advisory<br>lists.debian.org<br>text/html | MLIST [debian-lts-announce] 20200608 [SECURITY] [DLA 2238-1] libupnp security update |
| [security-announce] openSUSE-SU-2020:0805-1: moderate: Security update f | lists.opensuse.org<br>text/html | SUSE openSUSE-SU-2020:0805 |
| NULL pointer dereference in FindServiceControlURLPath · Issue #177 · pupnp/pupnp · GitHub | Third Party Advisory<br>github.com<br>text/html | MISC github.com/pupnp/pupnp/issues/177 |
| [SECURITY] [DLA 2585-1] libupnp security update | lists.debian.org<br>text/html | MLIST [debian-lts-announce] 20210307 [SECURITY] [DLA 2585-1] libupnp security update |
| Fixes #177: NULL pointer dereference in FindServiceControlURLPath · pupnp/pupnp@c805c1d · GitHub | Patch<br>Third Party Advisory<br>github.com<br>text/html | MISC github.com/pupnp/pupnp/commit/c805c1de1141cb22f74c0d94dd5664bda37398e0 |

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## Related QID Numbers

501612 Alpine Linux Security Update for libupnp

690447 Free Berkeley Software Distribution (FreeBSD) Security Update for upnp (a23871f6-059b-11eb-8758-e0d55e2a8bf9)

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Debian | Debian Linux | 8.0 | All | All | All |
| Operating System | Debian | Debian Linux | 8.0 | All | All | All |
| Application | Libupnp Project | Libupnp | All | All | All | All |

cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:*:

cpe:2.3:a:libupnp_project:libupnp:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

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