

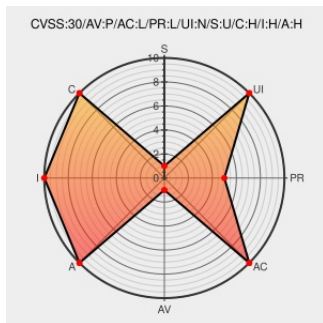


# CVE-2017-16532

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## CVE-2017-16532

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Linux Kernel](#) from [Linux](#) contain the following vulnerability:

The `get_endpoints` function in `drivers/usb/misc/usbtest.c` in the Linux kernel through 4.13.11 allows local users to cause a denial of service (NULL pointer dereference and system crash) or possibly have unspecified other impact via a crafted USB device.

CVE-2017-16532 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.6 - MEDIUM**

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

CVSS2 Score: **7.2 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| LOCAL                  | LOW               | NONE                |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| COMPLETE               | COMPLETE          | COMPLETE            |

## CVE References

| Description                                                        | Tags                                                        | Link                              |
|--------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------|
| USN-3619-1: Linux kernel vulnerabilities   Ubuntu security notices | <a href="#">usn.ubuntu.com</a><br><a href="#">text/html</a> | <a href="#">UBUNTU USN-3619-1</a> |
| USN-3617-2: Linux (HWE)                                            | <a href="#">usn.ubuntu.com</a>                              | <a href="#">UBUNTU USN-3617-2</a> |

|                                                                                     |                                                                                                                          |                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| vulnerabilities   Ubuntu security notices   Ubuntu                                  | <a href="#">text/html</a>                                                                                                |                                                                                                                                                                                     |
| USN-3619-2: Linux kernel (Xenial HWE) vulnerabilities   Ubuntu security notices     | <a href="#">usn.ubuntu.com</a><br><a href="#">text/html</a>                                                              |  UBUNTU USN-3619-2                                                                                 |
| usb: usbttest: fix NULL pointer dereference · torvalds/linux@7c80f9e · GitHub       | <a href="#">Patch</a><br><a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a> |  MISC<br><a href="#">github.com/torvalds/linux/commit/7c80f9e4a588f1925b07134bb2e3689335f6c6d8</a> |
| [SECURITY] [DLA 1200-1] linux security update                                       | <a href="#">lists.debian.org</a><br><a href="#">text/html</a>                                                            |  MLIST [debian-lts-announce] 20171210 [SECURITY] [DLA 1200-1] linux security update                |
| USN-3617-1: Linux kernel vulnerabilities   Ubuntu security notices                  | <a href="#">usn.ubuntu.com</a><br><a href="#">text/html</a>                                                              |  UBUNTU USN-3617-1                                                                                 |
| USN-3617-3: Linux kernel (Raspberry Pi 2) vulnerabilities   Ubuntu security notices | <a href="#">usn.ubuntu.com</a><br><a href="#">text/html</a>                                                              |  UBUNTU USN-3617-3                                                                                 |
| Google Groups                                                                       | <a href="#">Third Party Advisory</a><br><a href="#">groups.google.com</a><br><a href="#">text/html</a>                   |  MISC <a href="#">groups.google.com/d/msg/syzkaller/l3870gs3LhA/y79DYQdFBAAJ</a>                   |
| USN-3754-1: Linux kernel vulnerabilities   Ubuntu security notices   Ubuntu         | <a href="#">usn.ubuntu.com</a><br><a href="#">text/html</a>                                                              |  UBUNTU USN-3754-1                                                                                 |

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

| Type                                                 | Vendor                | Product                      | Version | Update | Edition | Language |
|------------------------------------------------------|-----------------------|------------------------------|---------|--------|---------|----------|
| Operating System                                     | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | All     | All    | All     | All      |
| <code>cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:</code> |                       |                              |         |        |         |          |

No vendor comments have been submitted for this CVE

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