

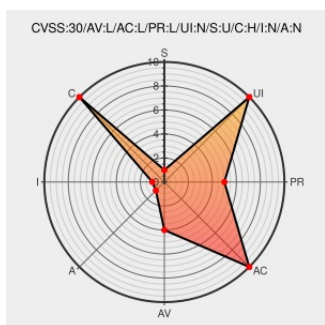


# CVE-2018-20509

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## CVE-2018-20509

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

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

The `print_binder_ref_olocked` function in `drivers/android/binder.c` in the Linux kernel 4.14.90 allows local users to obtain sensitive address information by reading "ref \*desc \*node" lines in a `debugfs` file.

CVE-2018-20509 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

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

## CVE References

| Description    | Tags                                                                                                                                                                | Link                                                                    |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| CVE-2018-20509 | <a href="#">Mailing List</a><br><a href="#">Third Party Advisory</a><br><a href="http://www.mail-archive.com">www.mail-archive.com</a><br><a href="#">text/html</a> | <a href="#">MLIST [debian-security-tracker] 20190412 CVE-2018-20509</a> |

CVE/CVE-2018-20509.md at master · Yellow-Pay/CVE · GitHub

Third Party Advisory  
[github.com](https://github.com)  
text/html

 MISC [github.com/Yellow-Pay/CVE/blob/master/CVE-2018-20509.md](https://github.com/Yellow-Pay/CVE/blob/master/CVE-2018-20509.md)

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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> | 4.14.90 | All    | All     | All      |
| Operating System                                            | <a href="#">Linux</a> | <a href="#">Linux Kernel</a> | 4.14.90 | All    | All     | All      |
| <code>cpe:2.3:o:linux:linux_kernel:4.14.90:****:*:*:</code> |                       |                              |         |        |         |          |
| <code>cpe:2.3:o:linux:linux_kernel:4.14.90:****:*:*:</code> |                       |                              |         |        |         |          |

No vendor comments have been submitted for this CVE

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