

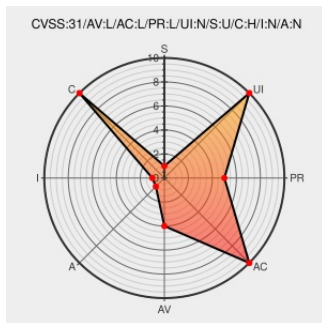


CVE-2019-2196

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CVE-2019-2196

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

Certain versions of [Android](#) from [Google](#) contain the following vulnerability:

In Download Provider, there is possible SQL injection. This could lead to local information disclosure with no additional execution privileges needed. User interaction is not needed for exploitation. Product: Android Versions: Android-8.0 Android-8.1 Android-9 Android-10 Android ID: A-135269143

CVE-2019-2196 has been assigned by security@android.com 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: **4.9 - MEDIUM**

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

CVE References

Description	Tags	Link
Android Security Bulletin—November 2019 Android Open Source Project	Vendor Advisory source.android.com/text/html	MISC source.android.com/security/bulletin/2019-11-01

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

PoC Exploiting SQL Injection in Android's Download Provider in Sort Parameter (CVE-2019-2196)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Google	Android	10.0	All	All	All
Operating System	Google	Android	8.0	All	All	All
Operating System	Google	Android	8.1	All	All	All
Operating System	Google	Android	9.0	All	All	All
Operating System	Google	Android	10.0	All	All	All
Operating System	Google	Android	8.0	All	All	All
Operating System	Google	Android	8.1	All	All	All
Operating System	Google	Android	9.0	All	All	All

```
cpe:2.3:o:google:android:10.0:*.~*~*~*~*~*
```

```
cpe:2.3:o:google:android:8.0:*:*:*:*:*:*
```

```
cpe:2.3:o:google:android:8.1:*:*:*:*:*:*:
```

```
cpe:2.3:o:google:android:9.0:*:*:*:*:*:*:
```

```
cpe:2.3:o:google:android:10.0:*:*:*:*:*:*
```

cpe:2.3:o:google:android:8.0:*:*:*:*:*:*:

```
cpe:2.3:o:google:android:8.1:*:*:*:*:*:*:
```

```
cpe:2.3:o:google:android:9.0:*:*:*:*:*:*:
```

No vendor comments have been submitted for this CVE

No vendor comments have been submitted for this CVE

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